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STATE OF MISSOURI	} ea.	September S	Session of the J	uly Adjourne	d	<b>Term. 20</b> 2()
<b>County of Boone</b>						
In the County Commission	on of said county, o	n the	1st	day of	September	<b>20</b> 20

the following, among other proceedings, were had, viz:

Now on this day, the County Commission of the County of Boone does hereby approve the request by Shannon Kasmann and Amir Ziv to operate a Kennel for cats on 3.99 acres, located at 8101 W. Hwy 40, Columbia, Missouri, subject to the following conditions:

- a) There is recognition that any change in the proposal to attempt to use on-site wastewater is a significant change and would require coming back through the process.
- b) An animal waste disposal plan acceptable to the Director of Resource Management must be approved prior to the commencement of this use for this property.
- c) All site lighting shall be shielded and orientated inward and downward so as to minimize glare and light trespass to adjoining properties.
- d) There is recognition that the existing building will be required to obtain a remodeling permit for a change of use overseen by an architect licensed to practice in the State of Missouri and that a certificate of occupancy for the commercial use must be obtained for the structure prior to the buildings use as a Cat Hotel (Kennel).

Done this 1st day of September 2020.

ATTEST:

Brianna L. Lennon Clerk of the County Commission

Daniel K. Atwill Presiding Commissioner

Fred/J. Parry/ District I Commissione

Janet)M. Thompson District II Commissioner



STATE OF MISSOURI	<b>1</b>	September Sess	sion of the Jul	y Adjourne	d	<b>Term. 20</b> 20
<b>County of Boone</b>	<b>}</b> ea.					
In the County Commission	on of said county,	n the	1 st	day of	September	<b>20</b> 20

the following, among other proceedings, were had, viz:

Now on this day, the County Commission of the County of Boone does hereby approve the request by Bryan and Leslie Crump to rezone from Agricultural Residential (A-R) to Agricultural (A-2), on 15.7 acres, located at 18450 S. Route A, Hartsburg, Missouri.

Done this 1st day of September 2020.

ATTEST:

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Brianna L. Lennon Clerk of the County Commission

Daniel K. Atwill Presiding Commissioner

Fred J. Parry District I Commissioner anell

Janet M. Thompson District II Commissioner



STATE OF MISSOURI	September Session of the Jul	y Adjourne	ed	<b>Term. 20</b> 20
County of Boone	1-4		Contombor	<b>an</b> 20
In the County Commission of said county, or		day of	September	<b>20</b> 20
the following, among other proceedings, were	e had, viz:			

Now on this day, the County Commission of the County of Boone does hereby receive and accept the following subdivision plats and authorizes the Presiding Commissioner to sign them:

- Hulen Estates Plat 2. S17-T49N-R13W. A-2. Jesse T Leach, owner. James Patchett, surveyor.
- B & B Subdivision Plat 2. S26-T47N-R13W. A-2. Black Dog Consulting and Development LLC, owner. David T Butcher, surveyor.
- County Downes Subdivision-Block VII Final Plat. S11-T49N-R13W. Gielow, Carrico, Peterson, Seaman, Swartz, owners. Frederick E Carroz, surveyor.

Done this 1st day of September 2020.

ATTEST:

ennort nama Brianna L. Lennon

Brianna L. Lennon Clerk of the County Commission

Daniel K. Atwill Presiding Commissioner

red J. Pa

District Commissioner

Janet M. Thompson District II Commissioner



STATE OF MISSOURI	1	tember Session of the July	/ Adjourne	d	<b>Term. 20</b> 20
<b>County of Boone</b>	<b>)</b> ea.			.3	
In the County Commission	on of said county, on the	1 st	day of	September	<b>20</b> 20

the following, among other proceedings, were had, viz:

Now on this day, the County Commission of the County of Boone does hereby adopt the Boone County Hazard Mitigation Plan as this jurisdiction's Hazard Mitigation Plan as described in the attached executive summary with detailed descriptions available after adoption on the Boone County Office of Emergency Management webpage.

Done this 1st day of September 2020.

ATTEST:

Brianna L. Lennon Clerk of the County Commission

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Daniel K. Atwill Presiding Commissioner

Fred J. Parry

District I Commissioner

Janet M. Thompson District II Commissioner The following resolution was adopted by Boone County, Missouri on

peotember 1

RESOLUTION NO. 384-2020

WHEREAS, the Boone County Hazard Mitigation Plan is a multi-jurisdictional hazard mitigation plan prepared in accordance with FEMA requirements at 44 C.F.R 201.6; and, WHEREAS, Boone County participated in the preparation of the Boone County Hazard Mitigation Plan; and

WHEREAS, the citizens of Boone County have been afforded an opportunity to comment and provide input on the Plan and the mitigation actions therein; and

WHEREAS, Boone County has reviewed the Plan and affirms that the Plan will be updated no less than every five years

NOW THEREFORE, BE IT RESOLVED by the County Commission that Boone County adopts the Boone County Hazard Mitigation Plan as this jurisdiction's Hazard Mitigation Plan, and resolves to execute the actions in the Plan.

ADOPTED this \_\_\_\_\_\_ day of <u>September</u> 2020 at the meeting of the County Commission.

9.1.20

Date

Name Daniel K. Atwill

Fred J. Perry

Name

Position

Position District 1 Commissioner

Date

Name Janet M. Thompson

Position Distric

District 2 Commissioner

Presiding Commissioner

Date

# Boone County, MO Hazard Mitigation Plan



The planning process for the update of the Boone County Hazard Mitigation Plan was led by the Mid-Missouri Regional Plan Commission through a contractual agreement with the MO State Emergency Management Agency and Boone County.

Mid-Missouri Regional Planning Commission 206 East Broadway, P.O. Box 140 Ashland, MO 65010 Phone: (573) 657-9779 Fax: (573) 657-2829



#### **Boone County Hazard Mitigation Planning Committee**

Name	Title	Department	Jurisdiction/Agency
Haley Campbell	Mitigation & Recovery	Emergency Management	Boone County
Tom Hurley	EMA Director	Emergency Management	Boone County
Sherril Gladney	Planning & Prep	Emergency Management	Boone County
Heather Russell	Administrator	City	Centralia
Eric Hempel	Housing Specialist	Sustainability	City of Columbia
Barbara Buffaloe	Manager	Sustainability	City of Columbia
Steve Crosswhite	Mayor	City	Sturgeon
Brianna Lennon	Clerk	County	Boone County
John Zondca	Mayor	City	Rocheport
David Kelb	Police Chief	Sturgeon Police Dep.	Sturgeon
Rebecca Estes	Planning Supervisor	Health Dep.	Boone County
Tom Ratterman	Manager	Sewer Dep.	Boone County
Justin Nichols	Manager	Administration	Hallsville School District
Brian Schultz	Police Chief	Hallsville Police Dep.	Hallsville
Geoff Neill	Superintendent	Administration	Sturgeon School District
Chris Femlee	Superintendent	Administration	Southern Boone School District
Ken Gregory	Assistant Director	Safety	Columbia Public Schools
Steve Chancellor	Superintendent	Administration	Centralia School District
Tony St Romaine	Administrator	City	Ashland
Bill Molendorp	Mayor	City	Hartsburg
Reggie Wilhite	Chairman	City	Harrisburg
Debby Lancaster	Mayor	City	Huntsdale
Doug Schwandt	Police Chief	MUPD	University of Missouri
Ken Hammond	Director	Campus Safety	Stephens College
	Stak	eholders	
Mike Parks	Manager		Columbia Regional Airport
Steve Walsh	Press Secretary		State-Rep Vicky Hartzler Office

Jurisdictional Representatives of Boone County Mitigation Planning Committee

The Boone County Hazard Mitigation Plan was developed by the communities and citizens of Boone County, their elected officials, and public servants. The process was carried out by identifying the natural hazards that impact Boone County and its residents, assessing the probability of occurrence and severity posed by each hazard, identifying the most vulnerable areas, and evaluating all possible mitigation actions which might be effective. Potential mitigation actions were assessed and prioritized based on the perceived need, probable outcome, potential for being executed, and benefit related to cost

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- Stephens College
- University of Missouri

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#### **Executive Summary**

Hazard mitigation, at its core, focuses on anticipating and lowering risks to lives and property. Natural hazards are taking an increasing toll on lives and property in the United States. The number of FEMA declared Presidential Disasters across the nation has increased drastically over the past handful of decades. Averaging 121 disaster declarations between 1999 – 2019 the numbers are more than showing an extreme uptake compared to an average of 45 per year as noted between the years 1979-1998. Between January 2014 to December 2018 alone, presidential disaster declarations have totaled 528

(FEMA.Gov). https://www.fema.gov/disasters/year.

The cost of these disasters has also increased in recent years, in part because of increased population and a larger built environment but also because of the magnitude of many recent disasters. Hazard mitigation, the cornerstone of emergency management, seeks to address these issues.

Hazard mitigation can save lives and property; it also makes good economic sense. A 2018 study by the National Institute of Building Sciences finds \$6 saved for every dollar invested in mitigation activities to reduce risk and disaster losses ," In the case of riverine flood, the savings are a \$7-to-\$1 benefit for proactive mitigation steps such as acquiring or demolishing flood-prone buildings "(Laura Lightbody, 2018). Hazard mitigation is a good business practice for both the public and private sectors. <u>https://www.pewtrusts.org/en/research-and-analysis/articles/2018/01/11/every-\$1-invested-in-disaster-mitigation-saves-\$6</u>

**The Plan:** Boone County and its jurisdictions have had a FEMA approved hazard mitigation plan in place since 2005; the plan, and the mitigation strategy within it, is updated every five years as required by federal law. Since the 2015 update, the Boone County plan has been enhanced to an All Hazards Mitigation Plan. In addition to profiling eleven natural hazards, the plan now also profiles eleven technological/human-made hazards which are potential threats. A risk assessment is included for each potential hazard.

The risk assessment (Sections 4 and 5) indicates the natural hazards posing the greatest threat to Boone County are: tornado, thunderstorm, severe winter weather, and an earthquake of significant magnitude at the New Madrid Seismic Zone. Flood, levee failure, and dam failure are of particular concern for certain jurisdictions. Land subsidence/sinkhole development is of growing concern for some jurisdictions as development proceeds at a rapid pace. The technological/human-made hazards posing the greatest potential threat are a public health emergency, utility service disruption, unwanted intruder incident which turns into an active shooter event, cyber-attack, and terrorism.

**Mitigation Currently in Place**: Much progress in mitigation has been made in Boone County since the first plan was written in 2005; many mitigation activities are in place in the regular operations of the county, its communities, educational institutions, and special districts. However, much remains to be done.

Several mitigation actions have been completed since the 2015 update of the plan: In unincorporated Boone County, Route 63 over Gans Creek, south of Discovery Parkway - Bridge rehabilitation in the southbound lanes continues. The Boone County Emergency management agency acquired a new 175kW generator as well as laptops for their Incident Response Trailer and the city of Sturgeon has started to place utilities underground in their new subdivisions.

**2020 Mitigation Strategy:** The current mitigation strategy, found in Section 4 of the plan, lays out a series of actions to be focused on during the coming five years. Each of the actions has been analyzed as to applicable jurisdiction(s), the agency or department which will lead the effort, and the means of implementing and financing the action. All these decisions were made by jurisdictional representatives participating as members of the hazard mitigation planning committee.

Not every action in the overall mitigation strategy applies to each jurisdiction. For example, "Continue to supply updated GIS base map information..." is an action carried out by Boone County with the help of the City of Columbia. Other jurisdictions do not need to do anything with this action, although they do benefit from it. An example of an action particular to only one jurisdiction is "encourage local water district to have adequate fire flow..." this action is specific to the City of Sturgeon. An example of an action applicable to many jurisdictions is "review and formalize relationships with cooling centers in each community"; this is an important action which many of the jurisdictions will be undertaking to address their own circumstances.

Each participating jurisdiction in the plan has resolved to execute some of the specific actions outlined in the strategy. Section 4 of the plan contains a subsection for each participating jurisdiction which outlines the actions for which that jurisdiction is responsible. Government officials can easily find their jurisdiction in Section 4 in order to thoroughly familiarize themselves with the tasks ahead.

While it is to be hoped that many of the mitigation actions in the strategy will have been completed before the next five-year update, nothing in the plan is legally binding on the participating jurisdictions.

The 2020 countywide mitigation strategy is shown in its entirety below, organized by the five major mitigation goals. (Actions continuing from the 2015 plan are in italics while new actions for 2020 are in regular text.)

**Goal 1: Mitigation Planning** - Mitigate the effects of future natural, technological, and humanmade hazards throughout the County through public and private action.

- Mitigate the effects of flooding on public infrastructure
- Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.
- Continue to supply updated GIS base map information to support changing/updating the D-FIRM maps using local, accurate data.
- Review building codes every three years for potential update.
- Continue to participate as a partner in FEMA's RISKMap process.
- Continue with monthly testing of warning systems in compliance with procedures set out by the Office of Emergency Management.
- The Public Works Department will adhere to a routine maintenance schedule for brush cutting and tree trimming to keep branches from overhanging roads.
- Conduct a flow study along major highway routes to help determine quantities of hazardous materials being transported through Boone County.
- Conduct detailed risk assessments and cost/benefit analyses of telecommunications and networking vulnerabilities in individual municipalities
- Investigate tools for automated notification system to be used collaboratively throughout Boone County and its jurisdictions.
- Develop Continuity of Operations Plans (COOPs).

- Ensure evacuation plans are adequate for nursing homes and special needs population
- Strategize and establish local source(s) of sustainable mitigation funding to be used by participating jurisdictions in the Boone County Hazard Mitigation Plan as direct project funding and/or as local match for outside grants.
- Encourage underground utilities where feasible.
- Review and formalize relationships with cooling and warming centers in each community.
- Establish agreements with cellular providers for "Cell on Wheels" units to be made available in case of telecommunications disruption.
- Encourage shelters to have an alternative heating source

**Goal 2: Mitigation Policy** - Develop policies that limit the impact of natural, technological, and human-made hazards on lives and property.

- Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.
- Review building codes every three years for potential update.
- Add sinkhole regulations to stream buffer/storm water ordinance.
- Develop policy and enforcement regulations concerning burning permits.
- Develop regulations for roads on dams.

**Goal 3: Mitigation Programs** - Implement cost effective and feasible mitigation programs to protect lives and property of Boone County jurisdictions.

- Continue to meet Revised Statutes of Missouri concerning earthquake emergency system and earthquake safety in schools.
- Replace 2, 3, and 4-inch water lines with 6-inch lines to ensure adequate supply for fire flow.
- Secure high value equipment located outside county and municipal buildings (generators, signs, com-equipment)
- Mitigate the effects of flooding on public infrastructure.
- Ensure evacuation plans are adequate for nursing homes and special needs populations.
- Evaluate and maintain emergency preparedness plans.
- Continue to comply with requirements of FAA 139 and TSA 1542 at Columbia Regional Airport.
- Develop strategy for preparedness planning and 72-hour provisions for most vulnerable populations; include strategies for food, water, hygiene, and medical supplies.
- Conduct emergency preparedness exercises periodically throughout the year.
- Build tornado safe room(s) or harden part(s) of existing structure(s) to FEMA 361 standards.
- Encourage shelters to have alternative heating sources.
- Acquire generators and power transfer hookup equipment.
- Continue to increase capacity to prevent and respond to unwanted intruder/active shooter events.
- Host Psychological First Aid courses in order to create a local Psychological First Aid capacity.

**Goal 4: Public Awareness** - Increase public awareness of natural, technological, and humanmade hazards in order to make the public a greater partner in hazard mitigation planning.

- Continue to educate the public on all hazards.
- Promote the purchase and use of NOAA radios.
- Promote Ready-in-3 materials in-house at the Columbia/Boone County Dept. of Public Health and Human Services and at public events.

**Goal 5: Future Development** - Promote hazard-proof development in the jurisdictions of Boone County.

- Target Repetitive Loss Properties for flood buyout.
- Acquire properties susceptible to flood damage when buyout grants are available.

**Funding and Funding Issues:** Some actions in the current mitigation strategy can be put in place given minimal resources and some staff time. However, there are some very important mitigation activities which require major funding. For example, there is a serious lack of tornado safe rooms in the jurisdictions and tornadoes/high winds are one of the greatest threats in the area. More generators and power transfer hookups are also needed to mitigate power outages that often accompany damaging winds or severe winter storms.

The Federal Emergency Management Agency (FEMA) has both pre-disaster and post-disaster mitigation grant programs to help local jurisdictions with mitigation projects. These programs are outlined in Section 6.5 of the plan. The jurisdictions participating in the plan are eligible to apply for funding from these programs; a 25% local match is typically required for the funds received.

Unfortunately, there has been a severe decline in recent years in the amount of pre-disaster federal money available. This creates the unfortunate situation where most federal funding for local mitigation projects becomes available after a disaster has occurred - if a Presidential Disaster Declaration is declared. At that point, 20% of the total federal cost of the disaster is awarded to the state to be used for mitigation projects.

Given the current state of federal funding assistance, the 2020 hazard mitigation planning committee recognized the pressing need to establish reliable and sustainable sources of local funding for mitigation projects. An action has been included in the current mitigation strategy to Boone County Hazard Mitigation Plan 2020 strategize and establish such local funding sources; these local funding pools could be used both for projects and for local matches if/when federal funds become available.

**Planning Process:** A plan is only as good as the planning process which developed it. Boone County and its jurisdictions undertook a thorough update of this hazard mitigation plan over a nine-month period in 2019-2020. Jurisdictions from both within and surrounding Boone were invited to participate and give feedback during the plan update.

The update was completed with the active participation of eighteen jurisdictions in Boone County (the county itself, ten communities, five school districts, one college, and one university). Representatives from these jurisdictions comprised the hazard mitigation planning committee which met for four general sessions. In addition, meetings were held with other established committees in Boone County and with individuals particularly knowledgeable on specific topics. The draft plan was presented at one public meeting and published on the website of the Mid-MO Regional Planning Commission, to allow for input from the general public. The plan will be evaluated and maintained on a yearly basis with the help of the planning committee; the next complete update will be undertaken in five years.

The ultimate test of a plan is the action taken on the roadmap presented. It is to be hoped that many of the mitigation actions in this plan will have been completed before the next five-year update. Action on the strategy in this plan will help to ensure a greater, and more cost-effective, level of protection for the citizens and property of Boone County and its jurisdictions. The Boone County Hazard Mitigation Plan can be found online at: www.mmrpc.org/reports-library/hazard-mitigation-reports/.

#### Prerequisites

44 CFR requirement 201.6(c)(5): The local hazard mitigation plan shall include documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval of the plan. For multi-jurisdictional plans, each jurisdiction requesting approval of the plan must document that it has been formally adopted.

The participating jurisdictions adopted the plan following FEMA's "approval pending adoption". Adoption resolutions and adoption letters (school districts and institutes of higher learning) are included in this section.

The following jurisdictions participated in the planning process and have formally adopted the multi-jurisdictional hazard mitigation plan...

## Add Resolutions Here

**Add Resolutions Here** 

## Section 1: Introduction and Planning Process

•	Purpose1
•	Background2
•	Plan Organization4
•	<ul> <li>Planning Process</li></ul>

#### PURPOSE

The Boone County Hazard Mitigation Plan is designed as a resource for county and municipal governments, residents, developers, organizations, and others interested in controlling the potentially disastrous effects of natural, man-made, and technological hazards in Boone County. Each year natural, man-made, and technological hazards take a great toll in the United States. Boone County is not immune; it is subject to numerous natural, man-made, and technological hazards which can threaten life and property. A well-conceived mitigation strategy, developed through an inclusive and thoughtful planning process, is an important step in protecting citizens and reducing loss.

The Federal Emergency Management Agency (FEMA) defines mitigation as "sustained action taken to reduce or eliminate long-term risk to people and their property from hazards and their effects." A 2018 study by the National Institute of Building Sciences finds \$6 saved for every dollar invested in mitigation activities to reduce risk and disaster losses.

Multiple jurisdictions within Boone County participated in the development of this plan. Having a current and approved hazard mitigation plan is a prerequisite for participating jurisdictions to be eligible to apply for FEMA pre-disaster mitigation grants and the mitigation portion of post disaster mitigation grants. The process for declaring Presidential Disasters was established with the passage of the Disaster Relief Act of 1974. In 1988, the Robert T. Stafford Disaster Relief and Emergency Assistance Act created the organizational framework through which funds and assistance would be provided after a Presidential Disaster Declaration; FEMA was designated to coordinate the relief efforts.

In 1993, FEMA created the Mitigation Directorate to oversee hazard mitigation. This established mitigation as the cornerstone of emergency management.

The Disaster Mitigation Act of 2000 further defined activities related to disaster relief and mitigation; one of its provisions encourages development of hazard mitigation measures, including land use and construction regulations.

#### BACKGROUND

In November 2003, a "current and approved" hazard mitigation plan became a FEMA eligibility requirement for local jurisdictions applying for pre-disaster mitigation grants and the mitigation portion of post-disaster grant funds.

Due to this change in FEMA grant requirements, the Missouri State Emergency Management Agency (SEMA) contracted with the Missouri Council of Governments for the Regional Planning Commissions to direct hazard mitigation planning for interested counties within their respective regions. Boone County, a member of the Mid-Missouri Regional Planning Commission (Mid-MO RPC), contracted with the Mid-MO RPC to facilitate the development of a hazard mitigation plan for the county.

A Project Steering Committee was formed to oversee the planning and writing of the original Boone County Hazard Mitigation Plan in 2004. The initial plan was approved by FEMA and adopted by the participating jurisdictions in the spring of 2005.

The required 5-year update of the plan was undertaken in the spring of 2009 and the updated plan was approved by FEMA on November 8, 2010. Participation in the planning process within the county increased significantly; the updated plan included 14 "participating jurisdictions" adopting the mitigation plan as their own. In addition to Boone County, this included 8 incorporated communities, 4 school districts, and the University of Missouri-Columbia.

#### Maintenance of Hazard Mitigation Plan 2015-2020

The Boone County Hazard Mitigation Plan 2015 was written to be a working document to guide participating jurisdictions in the county in the work of mitigating potential hazards. To this effect, the plan has been publicly available on the website of the Mid-MO RPC (www.midmorpc.org) since it was approved and adopted in 2015.

The maintenance plan in the 2015 document called for an annual monitoring and review of the plan to be facilitated by the Mid-MO RPC. This monitoring and review were carried out in early 2017, again in the spring of 2018, and finally the fall of 2019 when the updating process ensued.

The process was as follows: The mitigation representative of each participating jurisdiction was sent an email with an attachment of the mitigation actions for the jurisdiction; a request was made for comments on the status of the actions and any other information regarding changes or development in the jurisdictions which might bear on hazard mitigation. Research was done by staff of the Mid-MO RPC on hazard events taking place since the last monitoring. After receiving responses from the participating jurisdictions, an addendum summary of the monitoring and review was included in the plan.

In addition to the yearly monitoring, the plan is available on the websites of the Columbia/Boone County Office of Emergency Management and the Mid-MO RPC. The Mid-MO RPC also disseminates information regarding mitigation grants when funding becomes available.

Jurisdictions that participated in the 2015 plan as well as the 2020 plan update include:

- Unincorporated Boone County
- Ashland
- Centralia
- Columbia

- Hallsville
- Hartsburg
- Harrisburg
- Huntsdale
- Rocheport
- Sturgeon
- Centralia R-VI School District
- Columbia Public Schools
- Hallsville R-IV
- Harrisburg R-VIII
- Southern Boone School District
- Sturgeon R-V School District
- Stephen's College
- University of Missouri

Jurisdictions that participated in the past but chose not to participate in this update include:

- Harrisburg R-VIII School District
- Columbia College

#### PLAN ORGANIZATION

The plan is formatted into 5 Sections with several sub-sections per section. The 2015 plan contained 6 sections. Planning Area Overview and Planning Area Assets and Capabilities were originally separate sections. For this plan the two sections were combined to match the updated outline for the local hazard mitigation plan released by the Missouri State Emergency Management Agency (SEMA) in 2017. The adjusted plan sections include:

- Section 1: Introduction and the Planning Process
- Section 2: Planning Area Overview, Assets, and Capabilities
- Section 3: Risk Assessment
- Section 4: Mitigation Strategy
- Section 5: Plan Implementation and Maintenance
- Appendices

#### PLANNING PROCESS

## 44 CFR Requirement 201.6(c)(1): [The plan shall document] the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was involved.

A Hazard Mitigation Plan must be updated and adopted by the participating jurisdictions every five years to be considered current. The update of the Boone County Hazard Mitigation Plan was directed by the emergency management planner from Mid-MO RPC (Sierra Thomas) as specified in a Memorandum of Agreement (MOA) with the Missouri State Emergency Management Agency (SEMA).

- Assist in establishing a Mitigation Planning Committee (MPC) as defined by the Disaster Mitigation Act (DMA),
- Organize Planning Committee Meetings locations and times
- Ensure the updated plan meets the DMA requirements as established by federal regulations and follows the most current planning guidance of the Federal Emergency Management Agency (FEMA),
- Facilitate the entire plan development process,
- Identify the data that MPC participants could provide and conduct the research and documentation necessary to augment that data,
- Assist in soliciting public input,
- Produce the draft and final plan update in a FEMA-approvable document and coordinate the Missouri State Emergency Management Agency (SEMA) and (FEMA) plan reviews.

The update process consisted of 4 planning committee meetings over the update period. Meeting announcements and sign-in sheets are included in Appendix A.

All hazard mitigation planning meetings were open to the public and public notice was provided in accordance with Missouri's "Sunshine Law" (Revised Statutes of Missouri 610.010, 610.020, 610.023, and 610.024.) Notice of each meeting was posted at the Roger B. Wilson Boone County Government Center in Columbia, the Mid-MO RPC in Ashland, and on the website of the Mid-MO RPC (www.mmrpc.org).

Name	Title	Department	Jurisdiction/Agency
Haley Campbell	Mitigation & Recovery	Emergency Management	Boone County
Tom Hurley	EMA Director	Emergency Management	Boone County
Sherril Gladney	Planning & Prep	Emergency Management	Boone County
Heather Russell	Administrator	City	Centralia
Eric Hempel	Housing Specialist	Sustainability	City of Columbia
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ReggieWilhite	Chairman	City	Harrisburg
Bill Molendorp	Mayor	City	Hartsburg
Debby Lancaster	Mayor	City	Huntsdale
Doug Schwandt	Police Chief	MUPD	University of Missouri
Ken Hammond	Director	Campus Safety	Stephens College
	Stak	eholders	
Mike Parks	Manager		Columbia Regional Airport
Steve Walsh	Press Secretary		State-Rep Vicky Hartzler Office

#### Table 1.1 Jurisdictional Representatives of Boone County Mitigation Planning Committee

#### **Multi-Jurisdictional Participation**

## 44 CFR Requirement §201.6(a)(3): Multi-jurisdictional plans may be accepted, as appropriate, as long as each jurisdiction has participated in the process and has officially adopted the plan.

Multiple jurisdictions within Boone County participated in the development of this plan. Having a current and approved hazard mitigation plan is a prerequisite for participating jurisdictions to be eligible to apply for FEMA pre-disaster mitigation grants and the mitigation portion of post disaster mitigation grants. Invitations to participate in the development of the plan were sent to commissioners, incorporated community leaders, public schools and colleges, special districts, and various other stakeholders multiple times throughout the update to encourage participation in some manner. Each jurisdiction who participated will have to adopt the updated plan.

- Participation in a meeting was not required as long as other participation was had. Meeting participation could be in-person or by proxy.
- Each participating jurisdiction must provide sufficient information to support plan development by completion and return of surveys.
- For plan updates, eliminate from further consideration those actions from the previously approved plan that were not implemented because they were impractical, inappropriate, not cost-effective, or were otherwise not feasible.
- Review and comment on plan drafts
- Provide documentation to show time donated to the planning effort
- All participants should formally adopt the mitigation plan prior to submittal to SEMA and FEMA for final approval.

Jurisdiction	Kick-off Meeting	Meeting #2	Meeting #3	Meeting #4	Data Collection Questionnaire Response	Update/Develop Mitigation Actions
Boone County	Х	Х	Х	Х	Х	Х
Ashland					Х	
Centralia	Х				Х	Х
Columbia	Х		Х		Х	Х
Hallsville			Х		Х	Х
Harrisburg					Х	
Hartsburg				Х		
Huntsdale					Х	Х
Rocheport	Х					
Sturgeon	Х		Х		Х	Х
Centralia R-VI				Х		
Columbia Public Schools				Х	Х	Х
Hallsville R-IV			Х			
Harrisburg R-VIII					Х	
Southern Boone School Dist.			Х	Х		Х

#### Table 1.2 Jurisdictional Participation in Planning Process

Sturgeon R-V		Х		
Stephens College			Х	
University of Missouri		Х	Х	Х

#### **The Planning Steps**

Surveys and questionnaires were important in getting first-hand information from jurisdictions. One-on-one time, public meetings, and many emails produced a wealth of information taken into the plan. Many existing plans, studies, and reports were also consulted in the development of this plan. These include:

Development of the plan followed the 10-step planning process adapted from FEMA's Community Rating System (CRS) and Flood Mitigation Assistance programs. The 10-step process allows the plan to meet funding eligibility requirements of the Hazard Mitigation Grant Program, Pre-Disaster Mitigation Program, and Flood Mitigation Assistance Program as well as qualify for points under Activity 510 for Mitigation Plans, under the Community Rating System.

Community Rating System (CRS) Planning Steps (Activity 510)	Local Mitigation Planning Handbook Tasks (44 CFR Part 201)
Stop 1. Organiza	Task 1: Determine the Planning Area and Resources
Step 1. Organize	Task 2: Build the Planning Team 44 CFR 201.6(c)(1)
Step 2. Involve the public	Task 3: Create an Outreach Strategy 44 CFR 201.6(b)(1)
Step 3. Coordinate	Task 4: Review Community Capabilities 44 CFR 201.6(b)(2) & (3)
Step 4. Assess the hazard	Task 5: Conduct a Risk Assessment 44 CFR 201.6(c)(2)(i) 44 CFR 201.6(c)(2)(ii) & (iii)
Step 5. Assess the problem	
Step 6. Set goals	Task 6: Develop a Mitigation Strategy 44 CFR 201.6(c)(3)(i); 44 CFR 201.6(c)(3)(ii); and 44 CFR 201.6(c)(3)(iii)
Step 7. Review possible activities	
Step 8. Draft an action plan	
Step 9. Adopt the plan	Task 8: Review and Adopt the Plan
	Task 7: Keep the Plan Current
Step 10. Implement, evaluate, revise	Task 9: Create a Safe and Resilient Community 44 CFR 201.6(c)(4)

#### **Table 1.3 County Mitigation Plan Update Process**

## Step 1. Organize

Contact lists were made for past participating jurisdictions as well as neighboring communities to Boone, and email notices were directly sent out to all jurisdictions and special districts in Boone County making sure to update contacts for positions who may have changed personnel. The notice consisted of a meeting announcement and short summary of what the meeting would be covering and its importance.

A <u>kick-off meeting</u> was hosted June 25, 2019 at the Boone County Emergency Management building. The foundation topic of this meeting was to outline the process of the hazard mitigation plan update and its importance. Surveys were passed out to each jurisdiction in attendance to identify what data the participants could provide. This meeting also served as an introduction to the types of hazards that would be included in the plan. Those in attendance were asked to sign in. Documentation can be found in the following appendices. They were instructed to either email the finished surveys to the lead planner or they had the option to return them in person at the next scheduled meeting. The date for the next meeting was set before everyone left the current meeting. Any jurisdictions not at the meeting were noted.

<u>Meeting 2</u> took place on July 30, 2019 at the Boone County Emergency Management building. Anyone who wasn't at the first meeting was given a survey to fill out for their jurisdiction. Anyone done with their survey had the opportunity to turn it in if they had not emailed it prior to the meeting. There was discussion on parts of the survey that may not have been easily understood how to answer or where to get the information from. Risk Assessment results were shared with the group.

<u>Meeting 3</u> took place October 1, 2019 at the Boone County Emergency Management building. Eric Hempel with Columbia Water and Light gave a presentation on the Columbia Climate Action and Adaptation Plan and climate change in our area. More surveys were turned in. There was discussion about making sure that everyone logs their hours to meet the "in-kind" match.

<u>Meeting 4</u> took place December 10, 2019 at the Boone County Emergency Management building. Mitigation Actions list was discussed. Projects were either removed because they were done or no longer feasible, added, or listed as on-going.

## Step 2. Public Involvement

44 CFR Requirement 201.6(b): An open public involvement process is essential to the development of an effective plan. In order to develop a more comprehensive approach to reducing the effects of natural disasters, the planning process shall include: (1) An opportunity for the public to comment on the plan during the drafting stage and prior to plan approval.

Each of the 4 meetings of the MPC were open to the public. It was advertised through the Mid-MO RPC (www.mmrpc.org) website and posted at the office. The draft is available at the Mid-MO RPC website for anyone to review. Comments can be taken through email, phone, or inperson at the office. Individual invites and meeting notices were emailed to each jurisdiction for participation. Jurisdictions that did not show up or return email contact after the second meeting were called directly and educated on the importance of their participation. Anyone who did not come in-person to a meeting was emailed a survey to fill out for their jurisdiction. At this time no public comments have been received.

## **Step 3. Coordinate**

44 CFR Requirement 201.6(b): An open public involvement process is essential to the development of an effective plan. In order to develop a more comprehensive approach to reducing the effects of natural disasters, the planning process shall include: (2) An opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia and other private and non-profit interests to be involved in the planning process. (3) Review and incorporation, if appropriate, of existing plans, studies, reports, and technical information.

Participants from all incorporated cities, towns, and villages were invited to every meeting, along with all school districts, colleges, fire departments, police agencies, county offices, etc. Once a draft of the plan was complete it was posted to the Mid-MO RPC website for review by all interested parties.

#### **Coordination with FEMA Risk MAP Project**

Figure 1.1 shows the status of Risk Mapping in Boone County. Currently there are no active projects or data development taking place in Boone County. The southern boundary of Boone is edged by the Missouri River which is prone to flooding. The risks of this will be more clearly defined in Section 3: Risk Assessment.



#### Figure 1.1 FEMA Risk Studies Tracker

Source: FEMA Mapping Information Studies Tracker

#### Integration of Other Data, Reports, Studies, and Plans

Several other sources and documents were used to update the Plan. Those documents and sources include:

- Flood Insurance Rate Maps (FIRMs)
- State Department of Natural Resources (DNR) dam information
- The National Inventory of Dams (NID)
- 2013 & 2018 Missouri State Hazard Mitigation Plans
- Wildland/Urban Interface and Intermix areas from the SILVIS Lab Department of Forest Ecology and Management University of Wisconsin
- United States Department of Agriculture Census of Agriculture
- Corp of Engineers National Levee Database2040 Long-Range Transportation Plan, Columbia Area Transportation Study Organization (CATSO), 2014
- A Study of Active Shooter Incidents in the United States Between 2000 and 2013, Federal Bureau of Investigation
- Atlas of Missouri Ecoregions, Missouri Department of Conservation
- Bonne Femme Watershed Plan (2007)
- Boone County Emergency Operations Plan (2019)
- Columbia Imagined, 2013
- Communicating Before and After a Nuclear Power Plant Incident (June 2013), FEMA
- *Comprehensive Economic Development Strategy for the Mid-MO Region (2016)*, Mid-MO Regional Planning Commission
- Hazard Vulnerability Analysis, Columbia/Boone County Public Health and Human Services
- Hinkson Creek Watershed Management Plan
- Long Range Transportation Plan (LRTP), Missouri Department of Transportation
- Missouri Drought Plan (2002), Missouri Department of Natural Resources
- Missouri Region F Regional Communication Interoperability Plan (R-CIP)(2015)
- *Missouri State Hazard Mitigation Plan (2018)*, Missouri State Emergency Management Agency (SEMA)
- *National Climate Assessment 2018*, U.S. Global Change Research Program (GlobalChange.gov)
- Regional Transportation Plan (2016), Mid-MO Regional Planning Commission
- Situation Reports (online), Missouri SEMA
- Source Water Protection Plan, City of Columbia Missouri, 2013
- FEMA's Local Mitigation Planning Handbook (March 2013)
- Online tools provided by SEMA and other State Agencies

### **Step 4: Assess the Hazard**

Risk Assessment surveys were compiled and discussed at the second meeting, July 30, 2019. The risk of hazards were based on previous disasters, hazards that were identified in the State Hazard Mitigation Plan, and hazards from the previously approved hazard mitigation plan. Hazards were

prioritized by their likelihood and severity of impacts by each jurisdiction, then totaled to rate each hazard on a whole. Additional details about the individual hazards can be found in the chapter on Risk Assessment.

## **Step 5: Assess the Problem**

Assets for each jurisdiction were identified through the use of HAZUS, the data questionnaire, and Census. Losses were estimated by utilizing the HAZUS database and the 2018 State Hazard Mitigation Plan when needed.

## **Step 6: Set Goals**

The goals set in the previous plan update were carried over for this plan. It was felt that the current set of goals were still relevant and necessary during the 4<sup>th</sup> meeting that took place December 10, 2019, when the Mitigation Actions List was discussed and updated. Those goals summarized are:

- Goal 1: Mitigation Planning Mitigate the effects of future natural, technological, and humanmade hazards throughout the County through public and private action.
- Goal 2: Mitigation Policy Develop policies that limit the impact of natural, technological, and human-made hazards on lives and property.
- Goal 3: Mitigation Programs: Implement cost effective and feasible mitigation programs to protect lives and property of Boone County jurisdictions.
- Goal 4: Public Awareness Increase public awareness of natural, technological, and humanmade hazards in order to make the public a greater partner in hazard mitigation planning.
- Goal 5: Future Development Promote hazard-proof development in the jurisdictions of Boone County.

## **Step 7: Review Possible Mitigation Actions and Activities**

Mitigation Actions were discussed at the 4<sup>th</sup> meeting held December 10, 2019. Each action from the last update was reviewed and updated individually by the MPC. A link to the FEMA publication *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards (2013)* was provided at the Kickoff meeting with the questionnaire to give everyone projects to think about for their jurisdiction. A focus for the MPC was the addition of safe rooms in schools and public places to the Mitigation Action Plan across the county.

## **Step 8: Draft an Action Plan**

Based on the response from the final MPC meeting in December an Action Plan was formed from any on-going and remaining actions identified as well as actions added to the list. Possible

grant opportunities to assist in achieving the set goals and actions were also discussed at the final meeting. On-going efforts and mitigation achievements through projects and policy is a priority for stakeholders.

## **Step 9: Adopt the Plan**

Throughout the whole update process it was reiterated in word and text that in order for participation in the plan to count a jurisdiction must participate by attending meetings or returning the survey/questionnaire, and lastly by signing an adoption resolution of the plan that can be included in the draft to SEMA.

## Step 10: Implement, Evaluate, and Revise the Plan

Plan implementation was discussed at the final meeting while discussing grant and partnership opportunities to move the actions on the mitigation list along. Future revisions will be discussed in more detail one-on-one with the participating jurisdictions. Further details regarding implementation, monitoring and maintenance can be found in chapter 5, Plan Maintenance Process.

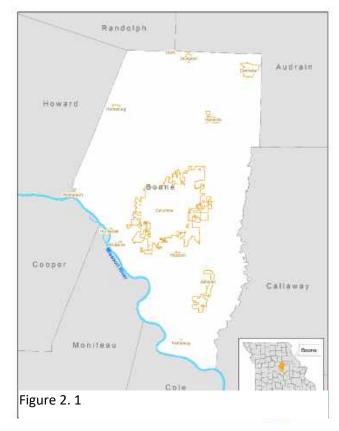
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## Section 2: Boone County Planning Area Profile

Boone County is a steadily growing county in central Missouri. The 2010 census indicated a county of 162,551 people, which was a 20% increase over the 2000 census count of 135,454. According to the American Community Survey (ACS) estimates show the county should have continued to grow, though not nearly as rapidly. Estimates show the county with a 9.6% increase to 180,005 in 2018. In relation, the state of Missouri as well as national population numbers have also shown an increase, but to a much smaller extent with a state increase of only 2.2% and a national population increase of 5.6%.

Median income for Boone County has seen nearly a 12% increase to \$52,005 since 2010 and is slightly above the state median income of 51,542, which has only seen a 10.2% increase over the last decade. While Boone has a slightly



lower medium income than the national \$57,652 average the national median income has shown growth more in line with the state's at about 10%.

With the rising income rates comes equally rising housing costs. The median home value in Boone County increased 15.5% from 2010 to 2017 according to ACS estimates. In 2010 homeowners would pay a median price of \$153,900 for a home. In 2017 the median price was around \$177,800, which is over the Missouri median home cost of only \$145,400. Missouri has seen a median price tick up slightly since 2010 but only by slightly over 5%. Both Boone County and the state of Missouri have seen more increase in median value than the national increase of 2.6%, but both remain significantly under the national median home price of \$193,500.

#### Geography, Geology, and Topography

Boone County is located in central Missouri with an area covering 685 square miles. It is located midway between Kansas City to the west and St. Louis to the east. The City of Columbia is the county seat and largest population center. The incorporated communities in the county are: Ashland, Centralia, Columbia, Hallsville, Harrisburg, Hartsburg, Huntsdale, McBaine, Pierpont, Rocheport, and Sturgeon (Figure 2.2).

Geologically, Boone County has been shaped by both the Ozark Uplift in the southeastern part of the state and glaciations from the north. The Browns Station Anticline is the one major structural feature found in Boone County; it extends across the northern part of the county (Figure 2.2).

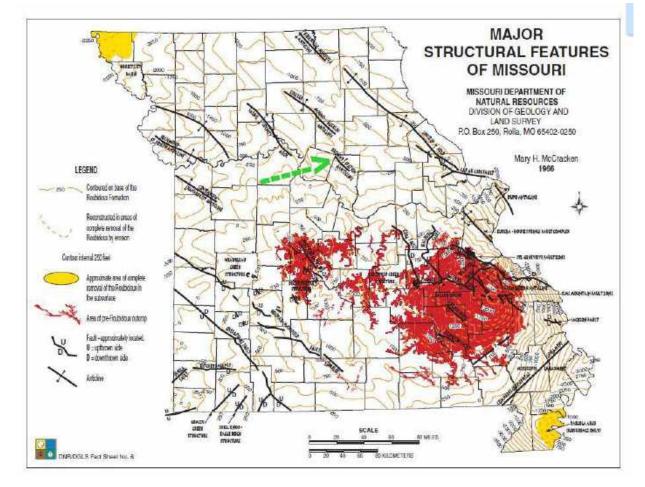


Figure 2.2

The geology of the planning area has implications for the hazards analyzed in this plan. Of particular concern is the New Madrid Seismic Zone (NMSZ) in the southeastern part of the state.

Boone County consists of three main ecological land types according to the MO Department of Conservation's *Atlas of Missouri Ecoregions* (Figure 2.3): the Claypan Till Plains, the Outer Ozark Border of the Ozark Highlands, and the Missouri River Alluvial Plain.

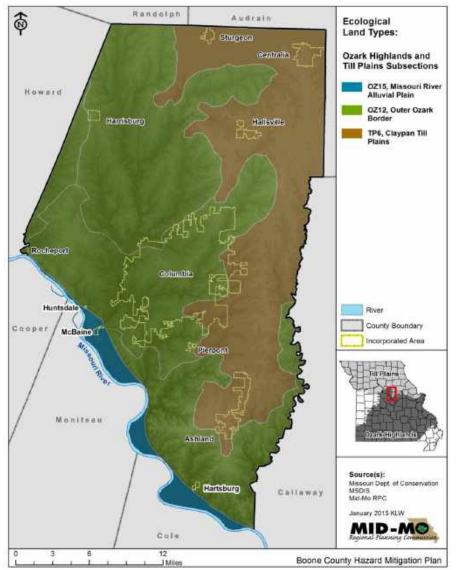


Figure 2.3

**Claypan Till Plains** The distinguishing feature of the Claypan Till Plains is the presence of welldeveloped claypan soils on a flat glacial till plain. Most of the surface is flat or gently rolling with local relief less than 100 feet. Bedrock exposures are rare. This area was formerly prairie, for the most part, with narrow belts of timber along streams. Most of the subsection is now farmland and primarily cropland.

#### **Outer Ozark Border**

The Outer Ozark Border consists of a belt of deeply dissected hills (relief mostly 200-350 feet) and bluff lands bordering the Missouri River. Slopes are steep and bedrock exposures are common. Loess, occasionally very thick,

mantles the uplands of the entire subsection. The area was historically timbered in oak savanna and woodland, oak and mixed-hardwood forests, and occasional prairie and glade openings.

Karst plains are also present. Karst is defined by the United States Geological Survey (USGS) as "terrain with distinctive landforms and hydrology created from the dissolution of soluble rocks, principally limestone and dolomite. Karst terrain is characterized by springs, caves, sinkholes, and a unique hydrogeology that results in aquifers that are highly productive but extremely vulnerable to contamination." This land type will be touched on again in the land subsidence and sinkhole hazard profile in Section 3.

Current land use in the Outer Ozark Border is extremely varied and includes row crops, improved pasture, and densely wooded valleys. Urbanization pressures from Columbia are great.

**Missouri River Alluvial Plain** The Missouri River Alluvial Plain consists of the Missouri River channel and its adjoining alluvial plain. During the last half of the 20<sup>th</sup> Century, the river was narrowed, its banks were stabilized, and most of its islands were eliminated. Soils in the area are deep and loamy. Pre-settlement vegetation was mostly bottomland forest dominated by riverfront species including willow, cottonwood, sycamore, elm, silver maple, and hackberry. The alluvial plain is subject to flooding, although many bottoms have some degree of levee protection. Today land use is chiefly row crops.

The Missouri River's relationship to Boone County deserves special attention because the river is the defining physical feature in Mid-Missouri and it surrounds the southwestern border of the county.

The Missouri River drains approximately one sixth of the United States and is the longest river in the country. Flood control structures, power plants, and other engineering projects have profoundly changed the course of the river.

Flood control structures, power plants, and other engineering projects have profoundly changed the course of the river since Lewis and Clark first traversed it in the early 1800s. In recent years debates over the future of the Missouri River have taken place among the seven states through which it run. Commercial river traffic, recreational use, environmental concerns, managing river levels to comply with the needs of endangered species, and the preservation of sacred and historical sites along the river and floodplain are all issues which make the management of the river a sensitive balancing act.

In both 1994 and 1995 the Missouri River was listed as one of the "10 Most Endangered Rivers in the Country" by American Rivers, a river conservation group (http://www.americanrivers.org/). This "Most Endangered" list does not reflect rivers in the worst condition; rather, it seeks to highlight rivers "confronted by decisions in the coming year that could determine their future." The Missouri River was chosen for the list in the mid-1990s because of dam, channelization, navigation, and agricultural runoff issues.

The flooding of the river in 2011 brought the controversy over its management into sharp focus. Record snowfalls in the Rockies combined with heavy spring rains to result in record water releases from six reservoirs on the river. Flooding occurred along the river from Montana to Missouri. The U.S. Army Corps of Engineers came under sharp criticism for not releasing water earlier in the season so the reservoirs would be able to accommodate the snow melt and rains. Meetings were held throughout the Missouri River Basin where local frustration was voiced over species protection and recreation being prioritized over flood control in river management decisions.

#### **Current Land Use**

There is still significant deciduous forest in the western and southern parts of Boone County. This is interspersed with some grassland and cropland. Cropland predominates in the northernmost area of the county, in some eastern parts of the county, and in some areas along the Missouri River (Figure 2.4).

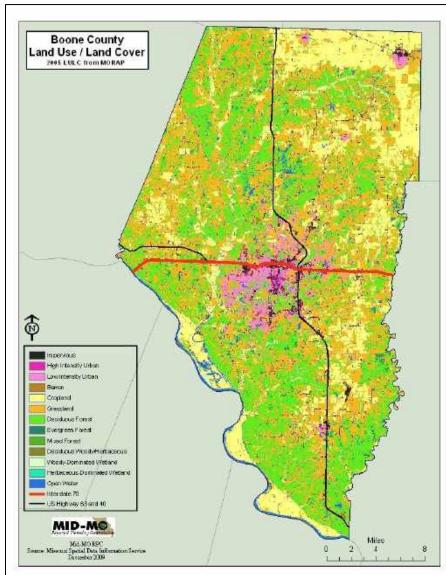


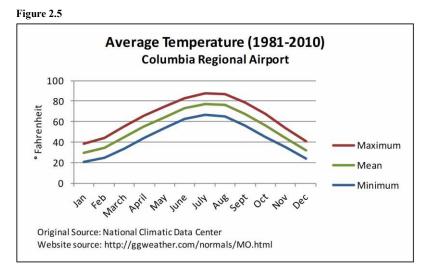
Figure 2.4

# CLIMATE

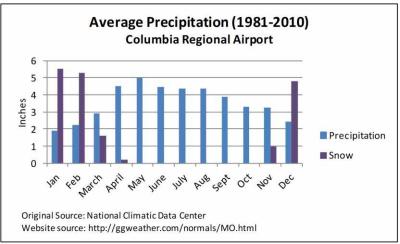
Boone County lies in a Humid Temperate climate and is vulnerable to northern pressure systems in the winter and strong pressure and storm systems from the Gulf of Mexico and the Great Plains region of the central United States. While Boone County does have extreme variations in weather at times, there is a seasonal pattern.

National Centers for Environmental Information (NCEI) releases "climate normals", or averages of three decades of climate variables, every 10 years. Monthly temperature and precipitation data for the period 1981-2010 at the Columbia Regional Airport (1981-2010), located in southern Boone County, are shown in the accompanying charts (Figures 2.5-2.6).

During this period, the mean annual temperature was 54.6°F. The mean annual precipitation was 42.62 inches with a mean annual snowfall of 18.4 inches. The average January minimum temperature was 20.9°F and the average July maximum temperature was 87.6°F. The wettest months were May-September with 62.3 % of the annual precipitation occurring during these months.







# **POPULATION/DEMOGRAPHICS**

A mapping of Boone County's population (2010 Census) by block group clearly illustrates that the population is centered in and around City of Columbia (Figure 2.10).

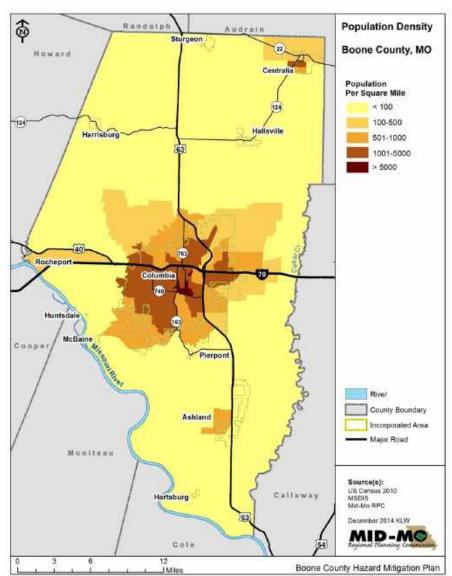


Figure 2.7

The 2010 Census indicated a rapid rise in population since the 2000 census; the population increased by 20%.

An inspection of the data in Figure 2.1 indicates that the vast majority of population growth took place within the incorporated communities; unincorporated Boone County only saw a population growth of 1% with a housing unit increase of 6%.

The highest growth rate by far was in the City of Ashland which came close to doubling both population and housing. The City of Hallsville had a 52% increase in its population from 2000 to 2010. American Community Survey estimates have predicted a much slower growth rate since the 2010 census but the majority of all incorporated and unincorporated Boone County are estimated to have seen some level of increase in population.

Jurisdiction	2000 Population	2010 Population	2018 Annual Population Estimate or ACS Population	# Change (2010-2018)	% Change (2010-2018)
Unincorporated Boone	42,841	43,377	45,467	2,090	4.7%
Ashland	1,869	3,707	3,947	240	6.2%
Centralia	3,774	4,027	4,244	217	5.2%
Columbia	84,531	108,500	123,180	14,680	12.6%
Hallsville	978	1,491	1,564	73	4.7%
Harrisburg	184	266	281	15	5.4%
Hartsburg	103	108	108	0	0%
Huntsdale	26	31	33	2	6.2%
Rocheport	208	239	251	12	4.8%
Sturgeon	944	872	930	58	6.4%
Total	135,454	162,699	180,005	17,306	10%

### Table 2.1 Boone County Population 2000-2010 by Jurisdiction

Source: U.S. Bureau of the Census, Decennial Census, annual population estimates/ 5-Year American Community Survey 2018; \*population includes the portions of these cities in adjacent counties

Currently, a number of economic development projects are occurring along the Highway 63 corridor between Columbia and the City of Ashland. Given the past level of growth in the two cities, the level of commuting in the Mid-Missouri region, and the fact that the Highway 63 corridor connects with Jefferson City (the state capital) to the south, it can be expected that this area will see a strong growth in population in the coming years. This growth will be made possible by the loss in the agricultural land in the area. ACS 2017 data estimates that there are currently 39,527 family households in Boone county averaging just over 2 persons per household, which is in line with state and national averages.

Some sectors of the population are more vulnerable in general to the threat of hazardous events. Children need the help and guidance of adults, especially in extraordinary circumstances, and this is also true for some older citizens. 6% of the county's estimated population in 2018 was under the age of 5, similar to the state and national percentage for that age bracket. Over 9% were shown as 65 years and older in 2010. Keeping in trend with an overall state uptick in aging population, 2018 estimates have nearly 11% of Boone's population over 65 years old, which is

slightly under the state's 15.5% rate of 65+. That national percentage of over 65 population sits at around 15%.

Jurisdiction	Total in Labor Force	Percent of Population Unemployed	Percent of Families Below the Poverty Level		Population (Bachelor's degree or higher)	Percentage of population with spoken language other than English
Boone County	97,293	4.4	9.5	93.5	45.9	7.5
Ashland	1,892	4.9	5.2	91.3	28.5	0.2
Centralia	1,871	4.7	11	88.7	21.9	1.9
Columbia	67,130	4.3	10.8	94.2	53.4	9.4
Hallsville	767	4.7	9.7	89.6	24	1.4
Harrisburg	153	3.3	10.2	90.2	21.2	2.3
Hartsburg	49	0	5.6	93.8	32.5	0
Huntsdale	15	0	0	86.4	13.6	4.2
Rocheport	127	3.9	3.2	93.8	31.3	0.9
Sturgeon	397	3.3	5.4	89	22.6	1.1
Missouri	3,062,657	5.8	10.3	89.2	28.2	6
United States	162,184,235	6.6	10.5	87.3	30.9	21.3

# Table 2.2: Unemployment, Poverty, Education, and Language Percentage Demographics, Boone County, Missouri

Source: U.S. Census, 2017 American Community Survey, 5-year Estimates.

# HISTORY

Boone County, presently the most populous county in central Missouri, was established in 1821. The county was named for Daniel Boone, one of the most popular icons of early American settlement.

Boone County did not rise to a level of prominence in the state until the University of Missouri, the first public university west of the Mississippi, was established in Columbia in 1839. Nine hundred Boone County citizens won the bid for the university by pledging \$117,921 in cash and land. The location of the university in Columbia has meant increased development for Boone County ever since. The university continues to attract students from all over the state, country, and world to study and work in the region.

### **OCCUPATIONS**

There are a high number of well-paying jobs available in Boone County in sectors such as government, higher education, and the medical field which draw workers from the surrounding counties. Table --- shows the breakdown of occupation percentages by jurisdiction. The majority of the workforce as a whole works in management, business, science, or art occupations.

Place	Management, Business, Science, and Arts Occupations	Service Occupations	Sales and Office Occupations	Natural Resources, Construction, and Maintenance Occupations	Production, Transportation, and Material Moving Occupations
Boone County	44.7	17.8	23.1	6.2	7.9
Ashland	36.2	13.2	36.7	6.2	7.5
Centralia	34.2	12.1	28	11.5	13.9
Columbia	46.1	19.4	22.5	4.9	6.8
Hallsville	34.6	16.6	25.9	9	13.6
Harrisburg	36.4	14.8	30.4	10.1	8.1
Hartsburg	34.6	20.4	26.5	10.2	8.1
Huntsdale	6.6	0	60	33.3	0
Rocheport	35.2	11.4	28.6	12.2	12.2
Sturgeon	34.2	15.4	23.5	11.5	15.1

Table 2.3:	Occupation	Statistics,	Boone	County, Missouri
------------	------------	-------------	-------	------------------

Source: U.S. Census, 2017 American Community Survey, 5-year Estimates.

The vast majority of these jobs are located in Columbia, the urban core for the Columbia, Missouri Metropolitan Statistical Area (MSA).

A metro area consists of a core urban area of 50,000 or more population, the county or counties containing the core urban area, and any adjacent counties which have a high degree of social and economic integration with the urban core, as measured by commuting to work. (Metropolitan statistical areas are geographic entities defined by the U.S. Office of Management and Budget (OMB) for use by Federal statistical agencies in collecting, tabulating, and publishing Federal statistics.) The Columbia MSA is grouped with Audrain and Randolph Counties to the north to form a Combined Statistical Area (CSA).

# Agriculture

Agriculture continues to be important in the economy of the planning area. However, agricultural land is being lost to development. A comparison of the 2017 and 2012 Agricultural Censuses (Figure 2.18) indicates 27,978 acres of farmland (-11.6%) lost during that 5-year period. Interestingly, the number of farms rose from 1,171 to 1,184. Over 212,000 acres (approximately 48.8%) of the county remains agricultural land.

Soybeans, corn, and wheat are the top three individual crops in the county. Other crops consist of hay, sorghum, berries, fruit and nut trees, and garden vegetables. Cattle and calves and hogs and pigs are the major livestock in production.

Total agricultural sales in the County rose significantly. The 2017 agricultural census showed over \$105 Million dollars in sales. Total sales as well as sales per farm both rose substantially between 2012 and 2017 with nearly double or greater than double in gains.

Nearly half of the land area in Boone County is farmland. Any hazard impacting the agricultural sector has the potential to significantly impact the area's economy.

Table 2.4						
Agricultural Overview - Boone County						
	2017	2012	Change			
Approx. land area (acres)	438,739	438,739				
Land in farms (acres)	212,732	240,710	-11.6%			
Percentage in farms	48.5%	54.9%	-11.6%			
Number of farms	1184	1,171	1%			
Avg size of farm (acres)	180	206	-12.6%			
Estimated market value-land & buildings	\$1,202,754,000	\$877,218,000	37.1%			
Avg value per farm	\$1,015,839	\$749,119	35.6%			
Avg value per acre	\$5,654	\$3,644	55.2%			
Total sales	\$105,007,000	\$52,185,000	101.2%			
Average sales per farm	\$88,688,000	\$44,564,000	99%			

# Hazard Mitigation Assistance (HMA) Grants in Planning Area

There has been more than a half million dollars in Hazard Mitigation Assistance (HMA) provided to Boone County projects since 1993. The four projects listed below account for \$559,077.17 in funding.

### Table 2.5: HMA Grants

<b>Disaster Declaration</b>	Project Type	Subgrantee	Project Total	Date Approved
995	200.1: Acquisition of Private Real Property (Structures and Land) - Riverine	BOONE	330356	6/29/1994
	402.1: Infrastructure Protective Measures (Roads and Bridges)	County of Boone	57026.17	2/11/2006
995	200.1: Acquisition of Private Real Property (Structures and Land) - Riverine	HARTSBURG	93595	6/10/1994
	402.1: Infrastructure Protective Measures (Roads and Bridges)	County of Boone	78100	9/14/2005

# FEMA Public Assistance (PA) Grants in Planning Area

There has been nearly \$2 million in Public Assistance (PA) grants awarded in Boone County. Below is \$1,192,182.97 in projects that have varied in size and location through the county.

### Table 2.6: PA Grants

projectAmount	projectSize	damageCategory	applicant	disasterNumber
1847.67	Small	<b>Roads and Bridges</b>	Hallsville	1412
86241.57	Large	<b>Public Utilities</b>	Columbia	1412
-37028.42	Large	Public Utilities	Columbia	1412
77000	Large	<b>Public Utilities</b>	Columbia	1412
-3050	Large	<b>Public Utilities</b>	Columbia	1412
8978.26	Small	Recreational or Oth	Columbia	1412
16520.04	Small	Roads and Bridges	Boone County	1412
-64351.98	Large	<b>Roads and Bridges</b>	Boone County	1412
321451.05	Large	<b>Roads and Bridges</b>	Boone County	1412
15000	Large	Public Buildings	Boone County	1412
37431	Small	<b>Roads and Bridges</b>	Boone County	1412
2194.94	Small	Roads and Bridges	Boone County	1412
244629.5	Large	Public Buildings	Boone County	1412
-64907.37	Large	Public Buildings	Boone County	1412
48818.78	Small	Public Buildings	Boone County	1412
-12204.69	Small	Public Buildings	Boone County	1412
22981.56	Small	Roads and Bridges	Boone County	1412
57479.92	Large	<b>Roads and Bridges</b>	Boone County	1412
70065.28	Large	<b>Roads and Bridges</b>	Boone County	1412

# JURISDICTIONAL PROFILES AND MITIGATION CAPABILITIES

The following is the individual profiles for each participating jurisdiction. Information regarding previous mitigation initiatives and ongoing efforts can be found in the summary tables below. These tables indicate specific capabilities of each jurisdiction that relate to their ability to implement mitigation opportunities. Unincorporated Boone County is profiled first, followed by the incorporated communities, the special districts, and the public schools and universities.

### **Unincorporated Boone County**

Boone County consists of all the unincorporated areas with the county boundary.

The Boone County Commission is the administrative authority. It is an elected three-member governing body with a District I (Southern) Commissioner, a District II (Northern) Commissioner, and a Presiding Commissioner. The Commission establishes County policy; approves and adopts the annual budget for all County operations; approves actual expenditures for each department, as well as supervises the operations of:

- Public Works
- Planning and Zoning
- Building Codes
- Human Resources
- Purchasing
- Information Technology
- Facilities and Grounds Maintenance

The commission also ensures County-wide compliance with numerous statutory requirements; and acts as liaison with County boards, commissions, and other governmental entities.

Boone County also has the following staff positions:

- Assessor
- Auditor
- Collector
- Clerk
- Public Administrator
- Public Attorney
- Recorder
- Sheriff
- Treasurer

In 2012, a Children's Service Fund was established in the county "to protect the well-being and safety of children and youth nineteen years of age or less and to strengthen families". The fund is financed by one-quarter of a cent sales tax increase which was passed by over 57% of the voters in the November election. A board appointed by the County Commission oversees the fund. The Boone Co. Schools Mental Health Coalition has a project which is one of many being funded with these monies. One of the goals of the project is to "train all school staff to recognize and respond appropriately to s students with signs and symptoms of mental health concerns." Such training will function as mitigation for active shooter events; the Coalition's work on this will be

further discussed in Section 5.8. The Boone County Emergency Operations Plan was updated in October 2019.

Another notable change is that the E-911 Columbia/Boone County Office of Emergency Management has separated from the City of Columbia's organizational structure and is now funded through a dedicated countywide sales tax passed in April of 2013. The three-eighths-cent sales tax generates an estimated \$9.3 million per year and will finance construction of a new 911 and emergency management center that will withstand an F5 tornado. The tax also allowed the county to hire more call-takers and to upgrade radio equipment and information technology hardware and software. The Boone County Emergency Communications Center (ECC) opened in 2016 and combines the 9-1-1 Communications Center and the Office Of Emergency Management functions into a single facility. The Office Of Emergency Management includes an Emergency Operations Center (EOC), and other critical incident response space and technological needs.

Boone County Joint Communications (BCJC) acts as the communication arm of the Emergency Operations Center whenever the Center is activated in the event of a natural disaster or a man-made emergency. As additional layers of responsibility, BCJC activates the early warning system; retrieves data from the National Crime Information Center (NCIC) and the Missouri Uniform Law Enforcement System (MULES) for the police departments they serve; and inputs information into the various records management systems for several public safety agencies.

Various security levels are required within the ECC. The public lobby for the ECC will be open during defined business hours and a secure reception point will be established to control public access to the ECC.

Access control to secure areas within the facility, either from staff entry points to the facility or for public cleared for entry from the lobby will be managed by card-type authorization. Use of electronic access control systems allows for zones of varying security levels to be created throughout the facility and for users to granted or denied access to these areas with relative ease.

The primary concern for this area is tornadic activity, and the ECC is to be designed for survival of an EF-5. This means wind speeds in excess of 200 mph and impacts from debris at over 150 mph. Other sources of natural disaster will not have significant cost impact. Boone County is just out of the New Madrid earthquake zone. The ECC is designed to provide an appropriate level of protection from this particular threat. The threat of flooding was eliminated through site selection.

Also, the ability to have special filters on the HVAC system to protect the staff inside from accidental chemical spills or chemical/biological attack is another factor included in the build design. Redundant systems will be in place for non-interruption of power supply, back up heating and cooling, telephone, and radio transmission and reception.

Capabilities	Status Including Date of Document or Policy
Planning	Capabilities
Comprehensive Plan	Columbia Comprehensive Plan: 2013
Builder's Plan	Proposed Budget Book: 2018
Capital Improvement Plan	N/A
City Emergency Operations Plan	N/A
County Emergency Operations Plan	Yes: Annual Review
Local Recovery Plan	In Progress
County Recovery Plan	In Progress
City Mitigation Plan	N/A
County Mitigation Plan	2015
Debris Management Plan	2018
Economic Development Plan	REDI
Transportation Plan	Regional Transportation Plan: 2015
Land-Use Plan	N/A
Flood Mitigation Assistance (FMA) Plan	N/A
Watershed Plan	Bonne Femme: 2007
Firewise or other fire mitigation plan	No
School Mitigation Plan	N/A
Critical Facilities Plan	EOP in review: 2017
(Mitigation/Response/Recover) Policies	/Ordinance
Zoning Ordinance	Yes
Building Code	N/A
Floodplain Ordinance	N/A
Subdivision Ordinance	Yes
Tree Trimming Ordinance	N/A
Nuisance Ordinance	N/A
Stormwater Ordinance	N/A
Drainage Ordinance	N/A

# Table 2.7: Unincorporated Boone County Mitigation Capabilities

Site Plan Review Requirements	N/A
Historic Preservation Ordinance	N/A
Landscape Ordinance	N/A
Progr	am
Zoning/Land Use Restrictions	N/A
Codes Building Site/Design	N/A
Hazard Awareness Program	N/A
National Flood Insurance Program (NFIP)	Yes: Portions of County
NFIP Community Rating System (CRS) Program	N/A
National Weather Service (NWS) Storm Ready	Yes: 2019
Firewise Community Certification	No
Building Code Effectiveness Grading (BCEGs)	N/A
ISO Fire Rating	Varies
Economic Development Program	N/A
Land Use Program	N/A
Public Education/Awareness	N/A
Property Acquisition	N/A
Planning/Zoning Boards	N/A
Stream Maintenance Program	Yes: DNR/Wastewater Management
Tree Trimming Program	N/A
Engineering Studies for Streams (Local/County/Regional)	N/A
Mutual Aid Agreements	N/A
Studies/Rep	orts/Maps
Hazard Analysis/Risk Assessment (Local)	N/A
Hazard Analysis/Risk Assessment (County)	N/A
Flood Insurance Maps	Yes
FEMA Flood Insurance Study (Detailed)	N/A
Evacuation Route Map	Yes
Critical Facilities Inventory	N/A
Vulnerable Population Inventory	N/A

Land Use Map	Yes
Staff/Department	
Building Code Official	Yes
Building Inspector	Yes
Mapping Specialist (GIS)	Yes
Engineer	Yes
Development Planner	Yes
Public Works Official	Yes
Emergency Management Director	Yes
NFIP Floodplain Administrator	Yes
Emergency Response Team	Yes
Hazardous Materials Expert	Yes
Local Emergency Planning Committee	Yes
County Emergency Management Commission	No
Sanitation Department	Yes
Transportation Department	Yes
Economic Development Department	Yes
Housing Department	N/A
Historic Preservation	Yes
Non-Governmental Organizati	ions (NGOs)
American Red Cross	No
Salvation Army	Yes
Veterans Groups	Yes
Local Environmental Organization	Yes
Homeowners Associations	Yes
Chamber of Commerce	Yes
Community Organizations (Lions, Kiwanis, Etc.)	Yes
Local Funding Availab	bility
Apply for Community Development Block	Yes
Fund projects through Capital	Yes

Authority to levy taxes for a specific purpose	Yes
Fees for water, sewer, gas, or electric services	Yes
Impact fees for new development	N/A
Ability to incur debt through general obligation bonds	N/A
Ability to incur debt through special tax bonds	N/A
Ability to incur debt through private activities	N/A
Withhold spending in hazard prone areas	N/A

#### ASHLAND

The City of Ashland is located in the southern portion of Boone County and straddles US Route 63. The Board of Aldermen is the policy making body of the city government and consists of two representatives from each of its three wards. The Board of Aldermen members and the Mayor is elected to two-year terms. Departments and positions managed and employed by the City of Ashland include:

- City Administrator
- City Clerk
- City Treasurer
- Police Department
- Public Works Department

Ashland has experienced robust growth in the past several years. The changes between the 2000 and 2010 censuses give a sense of the strong growth: the city population almost doubled (98% increase) between 2000 and 2010. Strong growth is expected for the 2020 census as well largely fueled by the Southern Boone School District.

Leadership strategies are focused on effectively managing growth. The Baptist Home, a private not-for-profit retirement community, has expressed intent to annex into City limits and connect to the Ashland sewer system. The sewer collection system will run north along U.S. Highway 63 with full intents and purposes of serving the Airport Planned Industrial and Airport Planned Commercial zoning districts. Industrial and commercial growth is proposed on the east side of U.S. Highway 63 off of Route Y. Plans for a YMCA with a designated FEMA rated safe room are currently in the works.

Status Including Date of Document or Policy					
Planning Capabilities					
Yes: Update In Progress					
N/A					
N/A					
Yes					
Yes					
N/A					
In Progress					
N/A					
2015					
N/A					
N/A					

#### Table 2.8: Ashland Mitigation Capabilities

Transportation Plan	2015: Regional Transportation Plan
Land-Use Plan	N/A
Flood Mitigation Assistance (FMA) Plan	N/A
Watershed Plan	N/A
Firewise or other fire mitigation plan	No
School Mitigation Plan	N/A
Critical Facilities Plan (Mitigation/Response/Recover)	N/A
Policies/O	rdinance
Zoning Ordinance	Yes
Building Code	Yes
Floodplain Ordinance	Yes
Subdivision Ordinance	Yes
Tree Trimming Ordinance	N/A
Nuisance Ordinance	N/A
Stormwater Ordinance	Yes
Drainage Ordinance	N/A
Site Plan Review Requirements	Yes
Historic Preservation Ordinance	N/A
Landscape Ordinance	N/A
Progr	ram
Zoning/Land Use Restrictions	Yes
Codes Building Site/Design	Yes
Hazard Awareness Program	N/A
National Flood Insurance Program (NFIP)	Yes
NFIP Community Rating System (CRS) Program	N/A
National Weather Service (NWS) Storm Ready	N/A
Firewise Community Certification	No
Building Code Effectiveness Grading (BCEGs)	N/A
ISO Fire Rating	4
Economic Development Program	N/A

Land Use Program	N/A
Public Education/Awareness	N/A
Property Acquisition	N/A
Planning/Zoning Boards	Yes
Stream Maintenance Program	N/A
Tree Trimming Program	N/A
Engineering Studies for Streams (Local/County/Regional)	N/A
Mutual Aid Agreements	N/A
Studies/Re	ports/Maps
Hazard Analysis/Risk Assessment (Local)	N/A
Hazard Analysis/Risk Assessment (County)	N/A
Flood Insurance Maps	Yes
FEMA Flood Insurance Study (Detailed)	N/A
Evacuation Route Map	County
Critical Facilities Inventory	N/A
Vulnerable Population Inventory	N/A
Land Use Map	
Staff/De	partment
Building Code Official	N/A
Building Inspector	N/A
Mapping Specialist (GIS)	N/A
Engineer	N/A
Development Planner	N/A
Public Works Official	Yes
Emergency Management Director	N/A
NFIP Floodplain Administrator	N/A
Emergency Response Team	N/A
Hazardous Materials Expert	N/A
Local Emergency Planning Committee	N/A
County Emergency Management Commission	N/A

Sanitation Department	Yes
Transportation Department	N/A
Economic Development Department	N/A
Housing Department	N/A
Historic Preservation	No
Non-Governmental C	organizations (NGOs)
American Red Cross	N/A
Salvation Army	N/A
Veterans Groups	N/A
Local Environmental Organization	N/A
Homeowners Associations	N/A
Chamber of Commerce	Yes
Community Organizations (Lions, Kiwanis, Etc.)	Lions
Local Fundin	g Availability
Apply for Community Development Block	N/A
Fund projects through Capital	Yes
Authority to levy taxes for a specific purpose	Yes
Fees for water, sewer, gas, or electric services	Yes
Impact fees for new development	N/A
Ability to incur debt through general obligation bonds	Yes
Ability to incur debt through special tax bonds	Yes
Ability to incur debt through private activities	Yes
Withhold spending in hazard prone areas	Yes

## CENTRALIA

The Mayor and the Board of Aldermen are the policy making bodies in the city government. Centralia also has the following offices and staff positions:

- City Administrator
- City Clerk
- Fire
- Police
- Foreman of Streets and Sanitation
- Foreman of Water and Sewer
- Line Foreman

Additional undergrounding has been accomplished and improvements to the electric grid are underway to minimize outages across town during significant, but not catastrophic, storms. In addition, a backup generator has been installed at the Fountain Street sanitary sewer lift station.

There are two subdivisions located in the southwest portion of the city which have not been fully built out.

### **Table 2.9: Centralia Mitigation Capabilities**

Capabilities	Status Including Date of Document or Policy
Planning Capabilities	
Comprehensive Plan	Yes
Builder's Plan	N/A
Capital Improvement Plan	N/A
City Emergency Operations Plan	Yes
County Emergency Operations Plan	Yes
Local Recovery Plan	N/A
County Recovery Plan	In Progress
City Mitigation Plan	N/A
County Mitigation Plan	2015
Debris Management Plan	N/A
Economic Development Plan	CREDI
Transportation Plan	Regional Transportation Plan (Mid-MO)
Land-Use Plan	N/A
Flood Mitigation Assistance (FMA) Plan	N/A
Watershed Plan	N/A
Firewise or other fire mitigation plan	No

School Mitigation Plan	N/A
Critical Facilities Plan (Mitigation/Response/Recover)	N/A
Policies/C	Drdinance
Zoning Ordinance	Yes
Building Code	Yes
Floodplain Ordinance	Yes
Subdivision Ordinance	Yes
Tree Trimming Ordinance	N/A
Nuisance Ordinance	Yes
Stormwater Ordinance	No
Drainage Ordinance	N/A
Site Plan Review Requirements	Yes
Historic Preservation Ordinance	N/A
Landscape Ordinance	N/A
Prog	gram
Zoning/Land Use Restrictions	Yes
Codes Building Site/Design	N/A
Hazard Awareness Program	N/A
National Flood Insurance Program (NFIP)	Yes
NFIP Community Rating System (CRS) Program	N/A
National Weather Service (NWS) Storm Ready	N/A
Firewise Community Certification	No
Building Code Effectiveness Grading (BCEGs)	N/A
ISO Fire Rating	5
Economic Development Program	CREDI
Land Use Program	N/A
Public Education/Awareness	N/A
Property Acquisition	N/A
Planning/Zoning Boards	Yes
Stream Maintenance Program	N/A

Tree Trimming Program	N/A
Engineering Studies for Streams (Local/County/Regional)	N/A
Mutual Aid Agreements	N/A
Studies/Re	eports/Maps
Hazard Analysis/Risk Assessment (Local)	N/A
Hazard Analysis/Risk Assessment (County)	N/A
Flood Insurance Maps	N/A
FEMA Flood Insurance Study (Detailed)	N/A
Evacuation Route Map	County
Critical Facilities Inventory	N/A
Vulnerable Population Inventory	N/A
Land Use Map	N/A
Staff/De	epartment
Building Code Official	County
Building Inspector	County
Mapping Specialist (GIS)	No
Engineer	No
Development Planner	No
Public Works Official	Yes
Emergency Management Director	County
NFIP Floodplain Administrator	Yes
Emergency Response Team	Yes
Hazardous Materials Expert	No
Local Emergency Planning Committee	Yes
County Emergency Management Commission	N/A
Sanitation Department	Yes
Transportation Department	Yes
Economic Development Department	Yes
Housing Department	No
Historic Preservation	N/A

Non-Governmental Organizations (NGOs)		
American Red Cross	N/A	
Salvation Army	N/A	
Veterans Groups	N/A	
Local Environmental Organization	N/A	
Homeowners Associations	N/A	
Chamber of Commerce	Yes	
Community Organizations (Lions, Kiwanis, Etc.)	Yes	
Local Funding Availability		
Apply for Community Development Block	Yes	
Fund projects through Capital	Yes	
Authority to levy taxes for a specific purpose	Yes	
Fees for water, sewer, gas, or electric services	Yes	
Impact fees for new development	Yes	
Ability to incur debt through general obligation bonds	Yes	
Ability to incur debt through special tax bonds	Yes	
Ability to incur debt through private activities	N/A	
Withhold spending in hazard prone areas	N/A	

### COLUMBIA

The City of Columbia has a council/manager form of government. The mayor and 6 council members are elected by the citizens of Columbia and serve as non-paid members for 3 years with staggered terms of service. The city manager reports to the Mayor and Council and is considered the chief administrator. Department heads for all municipal functions report to the City Manager. Columbia also has the following offices and staff positions:

- City Manager
- City Clerk
- Office of Emergency Management
- Fire
- Planning & Development
- Police
- Public Communications
- Public Safety Joint Communications (PSJC)
- Public Works

The City of Columbia has continued in its efforts to bury electric lines and offer flood buyouts when possible.

It is anticipated that the City of Columbia will continue to grow. Growth is primarily expected to occur within the Urban Services Area (USA) boundary identified in Columbia Imagined, The City's adopted comprehensive plan, as this area has sewer and often other utility infrastructure capacity. Most development is anticipated to occur in the southwest and northeast areas of Columbia, with areas on the southeast anticipated to also have some growth based upon recent platting activity.

The City's Capital Improvement Program (CIP) describes planned capital improvements by type (streets and sidewalks, parks, public safety, airport, utilities, etc.) Notable future civic developments likely to occur in the next few years include a new airport terminal, Police headquarters, remodels of fire stations, and many expansions to stormwater and sewer handling. The City is also making efforts toward infrastructure that is not only resilient, but also green.

#### Table 2.10: City of Columbia Mitigation Capabilities

Capabilities	Status Including Date of Document or Policy
Planning Capabilities	
Comprehensive Plan	Yes: 2013
Builder's Plan	N/A
Capital Improvement Plan	Yes: 2018
City Emergency Operations Plan	Yes
County Emergency Operations Plan	Yes
Local Recovery Plan	In Progress
County Recovery Plan	In Progress

City Mitigation Plan	N/A	
County Mitigation Plan	2015	
Debris Management Plan	N/A	
Economic Development Plan	N/A	
Transportation Plan	CATSO TIP: 2019-2022	
Land-Use Plan	Yes	
Flood Mitigation Assistance (FMA) Plan	N/A	
Watershed Plan	Bonne Femme: 2007	
Firewise or other fire mitigation plan	No	
School Mitigation Plan	N/A	
Critical Facilities Plan (Mitigation/Response/Recover)	N/A	
Policies/C	Drdinance	
Zoning Ordinance	Yes	
Building Code	Yes	
Floodplain Ordinance	Yes	
Subdivision Ordinance	Yes	
Tree Trimming Ordinance	Yes	
Nuisance Ordinance	Yes	
Stormwater Ordinance	Yes	
Drainage Ordinance	Yes	
Site Plan Review Requirements	Yes	
Historic Preservation Ordinance	Yes	
Landscape Ordinance	N/A	
Program		
Zoning/Land Use Restrictions	Yes	
Codes Building Site/Design	Yes	
Hazard Awareness Program	N/A	
National Flood Insurance Program (NFIP)	Yes	
NFIP Community Rating System (CRS) Program	N/A	
National Weather Service (NWS) Storm Ready	N/A	

Firewise Community Certification	No
Building Code Effectiveness Grading (BCEGs)	N/A
ISO Fire Rating	2
Economic Development Program	REDI
Land Use Program	N/A
Public Education/Awareness	N/A
Property Acquisition	N/A
Planning/Zoning Boards	Yes
Stream Maintenance Program	N/A
Tree Trimming Program	N/A
Engineering Studies for Streams (Local/County/Regional)	N/A
Mutual Aid Agreements	N/A
Studies/Rep	ports/Maps
Hazard Analysis/Risk Assessment (Local)	N/A
Hazard Analysis/Risk Assessment (County)	N/A
Flood Insurance Maps	N/A
FEMA Flood Insurance Study (Detailed)	N/A
Evacuation Route Map	County
Critical Facilities Inventory	N/A
Vulnerable Population Inventory	N/A
Land Use Map	Yes
Staff/Dep	partment
Building Code Official	Yes
Building Inspector	Yes
Mapping Specialist (GIS)	Yes
Engineer	Yes
Development Planner	N/A
Public Works Official	Yes
Emergency Management Director	N/A
NFIP Floodplain Administrator	N/A

Emergency Response Team	N/A
Hazardous Materials Expert	N/A
Local Emergency Planning Committee	Yes
County Emergency Management Commission	Yes
Sanitation Department	Yes
Transportation Department	Yes
Economic Development Department	REDI
Housing Department	Yes
Historic Preservation	N/A
Non-Governmental O	rganizations (NGOs)
American Red Cross	Yes
Salvation Army	N/A
Veterans Groups	Yes
Local Environmental Organization	N/A
Homeowners Associations	N/A
Chamber of Commerce	Yes
Community Organizations (Lions, Kiwanis, Etc.)	N/A
Local Funding	g Availability
Apply for Community Development Block	N/A
Fund projects through Capital	Yes
Authority to levy taxes for a specific purpose	Yes
Fees for water, sewer, gas, or electric services	Yes
Impact fees for new development	Yes
Ability to incur debt through general obligation bonds	Yes
Ability to incur debt through special tax bonds	Yes
Ability to incur debt through private activities	Yes
Withhold spending in hazard prone areas	Yes

### HALLSVILLE

The Mayor and the Board of Aldermen are the policy making bodies in the city government. Hallsville also has the following offices and staff positions:

- City Administrator
- Chief of Police
- City Clerk
- Public Works Superintendent

Hallsville has pursued a policy of continued slow growth with careful planning. This has been important for the city as it is within commuting distance of Columbia where many jobs are located. Pare of the approach to controlled growth is the infilling of empty lots and minimum lot sizes and setbacks.

**Table 2.11: Hallsville Mitigation Capabilities** 

Capabilities	Status Including Date of Document or Policy	
Planning Capabilities		
Comprehensive Plan	No	
Builder's Plan	No	
Capital Improvement Plan	No	
City Emergency Operations Plan	In Progress	
County Emergency Operations Plan	Annual Review	
Local Recovery Plan	No	
County Recovery Plan	In Progress	
City Mitigation Plan	No	
County Mitigation Plan	2015	
Debris Management Plan	Yes	
Economic Development Plan	No	
Transportation Plan	Regional Transportation Plan: 2015	
Land-Use Plan	No	
Flood Mitigation Assistance (FMA) Plan	No	
Watershed Plan	No	
Firewise or other fire mitigation plan	No	
School Mitigation Plan	N/A	
Critical Facilities Plan (Mitigation/Response/Recover)	No	
Policies/Ordinance		

Zoning Ordinance	Yes
Building Code	Yes: 2015
Floodplain Ordinance	Yes: 2016
Subdivision Ordinance	Yes
Tree Trimming Ordinance	No
Nuisance Ordinance	Yes
Stormwater Ordinance	Yes
Drainage Ordinance	Yes
Site Plan Review Requirements	Yes
Historic Preservation Ordinance	No
Landscape Ordinance	Yes
Prog	gram
Zoning/Land Use Restrictions	Yes
Codes Building Site/Design	Yes
Hazard Awareness Program	N/A
National Flood Insurance Program (NFIP)	Yes
NFIP Community Rating System (CRS) Program	N/A
National Weather Service (NWS) Storm Ready	N/A
Firewise Community Certification	No
Building Code Effectiveness Grading (BCEGs)	N/A
ISO Fire Rating	4
Economic Development Program	N/A
Land Use Program	N/A
Public Education/Awareness	N/A
Property Acquisition	N/A
Planning/Zoning Boards	Yes
Stream Maintenance Program	N/A
Tree Trimming Program	No
Engineering Studies for Streams (Local/County/Regional)	N/A
Mutual Aid Agreements	Yes

Studies/Reports/Maps	
Hazard Analysis/Risk Assessment (Local)	N/A
Hazard Analysis/Risk Assessment (County)	N/A
Flood Insurance Maps	Yes
FEMA Flood Insurance Study (Detailed)	N/A
Evacuation Route Map	In Progress/County
Critical Facilities Inventory	N/A
Vulnerable Population Inventory	No
Land Use Map	Yes
Staff/Dep	partment
Building Code Official	Boone County
Building Inspector	Boone County
Mapping Specialist (GIS)	Boone County
Engineer	No
Development Planner	No
Public Works Official	Yes
Emergency Management Director	Yes
NFIP Floodplain Administrator	Yes
Emergency Response Team	Yes/CERT
Hazardous Materials Expert	No
Local Emergency Planning Committee	Yes/CERT
County Emergency Management Commission	Yes
Sanitation Department	Contracted Out
Transportation Department	No
Economic Development Department	No
Housing Department	No
Historic Preservation	No
Non-Governmental Organizations (NGOs)	
American Red Cross	No
Salvation Army	No

Veterans Groups	No
Local Environmental Organization	No
Homeowners Associations	No
Chamber of Commerce	No
Community Organizations (Lions, Kiwanis, Etc.)	Yes
Local Fundin	g Availability
Apply for Community Development Block	Yes
Fund projects through Capital	Yes
Authority to levy taxes for a specific purpose	Yes
Fees for water, sewer, gas, or electric services	Yes
Impact fees for new development	Yes
Ability to incur debt through general obligation bonds	Yes
Ability to incur debt through special tax bonds	Yes
Ability to incur debt through private activities	No
Withhold spending in hazard prone areas	No

#### HARRISBURG

the Board of Trustees is the policy making body in Harrisburg. The village also has the following staff position:

• City Clerk

The Village of Harrisburg joined the NFIP in 2012. The Village also went through a strategic planning process during which it examined its infrastructure and what would be needed for growth. The Village in interested in preserving its historic structures while in the process of growth. With this in mind, the Village acquired the old hardware store and the Harrisburg School ("The Old School House") and its grounds.

Capabilities	Status Including Date of Document or Policy
Planning Capabilities	
Comprehensive Plan	No
Builder's Plan	N/A
Capital Improvement Plan	N/A
City Emergency Operations Plan	Yes
County Emergency Operations Plan	Annual Review
Local Recovery Plan	N/A
County Recovery Plan	In progress
City Mitigation Plan	N/A
County Mitigation Plan	N/A
Debris Management Plan	No
Economic Development Plan	No
Transportation Plan	Regional Transportation Plan: 2015
Land-Use Plan	No
Flood Mitigation Assistance (FMA) Plan	N/A
Watershed Plan	N/A
Firewise or other fire mitigation plan	No
School Mitigation Plan	No
Critical Facilities Plan (Mitigation/Response/Recover)	N/A
Policies/Ordinance	
Zoning Ordinance	No

**Table 2.12: Harrisburg Mitigation Capabilities** 

Building Code	Yes
Floodplain Ordinance	Yes
Subdivision Ordinance	No
Tree Trimming Ordinance	No
Nuisance Ordinance	N/A
Stormwater Ordinance	N/A
Drainage Ordinance	N/A
Site Plan Review Requirements	N/A
Historic Preservation Ordinance	Yes
Landscape Ordinance	N/A
Prog	ram
Zoning/Land Use Restrictions	No
Codes Building Site/Design	N/A
Hazard Awareness Program	N/A
National Flood Insurance Program (NFIP)	Yes
NFIP Community Rating System (CRS) Program	N/A
National Weather Service (NWS) Storm Ready	N/A
Firewise Community Certification	No
Building Code Effectiveness Grading (BCEGs)	N/A
ISO Fire Rating	N/A
Economic Development Program	N/A
Land Use Program	N/A
Public Education/Awareness	N/A
Property Acquisition	N/A
Planning/Zoning Boards	N/A
Stream Maintenance Program	N/A
Tree Trimming Program	N/A
Engineering Studies for Streams (Local/County/Regional)	N/A
Mutual Aid Agreements	N/A
Studies/Reports/Maps	

Hazard Analysis/Risk Assessment (Local)	N/A
Hazard Analysis/Risk Assessment (County)	N/A
Flood Insurance Maps	N/A
FEMA Flood Insurance Study (Detailed)	N/A
Evacuation Route Map	County
Critical Facilities Inventory	N/A
Vulnerable Population Inventory	No
Land Use Map	N/A
Staff/De	partment
Building Code Official	No
Building Inspector	N/A
Mapping Specialist (GIS)	No
Engineer	No
Development Planner	No
Public Works Official	N/A
Emergency Management Director	N/A
NFIP Floodplain Administrator	N/A
Emergency Response Team	N/A
Hazardous Materials Expert	No
Local Emergency Planning Committee	N/A
County Emergency Management Commission	N/A
Sanitation Department	N/A
Transportation Department	N/A
Economic Development Department	N/A
Housing Department	No
Historic Preservation	N/A
Non-Governmental Organizations (NGOs)	
American Red Cross	No
Salvation Army	No
Veterans Groups	No

Local Environmental Organization	No
Homeowners Associations	No
Chamber of Commerce	No
Community Organizations (Lions, Kiwanis, Etc.)	No
Local Funding Availability	
Apply for Community Development Block	Yes
Fund projects through Capital	Yes
Authority to levy taxes for a specific purpose	Yes
Fees for water, sewer, gas, or electric services	N/A
Impact fees for new development	N/A
Ability to incur debt through general obligation bonds	Yes
Ability to incur debt through special tax bonds	Yes
Ability to incur debt through private activities	N/A
Withhold spending in hazard prone areas	N/A

# HARTSBURG

The Mayor and the City Council are the policy making bodies in the village government.

# Table 2.13: Hartsburg Mitigation Capabilities

Capabilities	Status Including Date of Document or Policy
Planning	Capabilities
Comprehensive Plan	No
Builder's Plan	N/A
Capital Improvement Plan	N/A
City Emergency Operations Plan	Yes
County Emergency Operations Plan	Annual Review
Local Recovery Plan	N/A
County Recovery Plan	In Progress
City Mitigation Plan	N/A
County Mitigation Plan	Yes: 2015
Debris Management Plan	No
Economic Development Plan	N/A
Transportation Plan	Regional Transportation Plan? 2015
Land-Use Plan	N/A
Flood Mitigation Assistance (FMA) Plan	N/A
Watershed Plan	N/A
Firewise or other fire mitigation plan	No
School Mitigation Plan	N/A
Critical Facilities Plan (Mitigation/Response/Recover)	N/A
	/Ordinance
Zoning Ordinance	Yes
Building Code	Yes
Floodplain Ordinance	Yes
Subdivision Ordinance	N/A
Tree Trimming Ordinance	N/A
Nuisance Ordinance	N/A

Stormwater Ordinance	N/A
	N/A
Drainage Ordinance	
Site Plan Review Requirements	N/A
Historic Preservation Ordinance	N/A
Landscape Ordinance	N/A
Prog	gram
Zoning/Land Use Restrictions	Yes
Codes Building Site/Design	N/A
Hazard Awareness Program	N/A
National Flood Insurance Program (NFIP)	Yes
NFIP Community Rating System (CRS) Program	N/A
National Weather Service (NWS) Storm Ready	N/A
Firewise Community Certification	No
Building Code Effectiveness Grading (BCEGs)	N/A
ISO Fire Rating	5
Economic Development Program	N/A
Land Use Program	N/A
Public Education/Awareness	N/A
Property Acquisition	N/A
Planning/Zoning Boards	N/A
Stream Maintenance Program	N/A
Tree Trimming Program	N/A
Engineering Studies for Streams	N/A
(Local/County/Regional) Mutual Aid Agreements	N/A
Studies/Reports/Maps	
Hazard Analysis/Risk Assessment (Local)	N/A
Hazard Analysis/Risk Assessment (County)	N/A
Flood Insurance Maps	N/A
FEMA Flood Insurance Study (Detailed)	N/A
Evacuation Route Map	County
L	

Critical Facilities Inventory	N/A
Vulnerable Population Inventory	No
Land Use Map	N/A
Staff/Dep	partment
Building Code Official	No
Building Inspector	No
Mapping Specialist (GIS)	No
Engineer	No
Development Planner	No
Public Works Official	No
Emergency Management Director	No
NFIP Floodplain Administrator	N/A
Emergency Response Team	N/A
Hazardous Materials Expert	No
Local Emergency Planning Committee	N/A
County Emergency Management Commission	N/A
Sanitation Department	N/A
Transportation Department	No
Economic Development Department	N/A
Housing Department	No
Historic Preservation	N/A
Non-Governmental O	organizations (NGOs)
American Red Cross	No
Salvation Army	No
Veterans Groups	No
Local Environmental Organization	No
Homeowners Associations	No
Chamber of Commerce	No
Community Organizations (Lions, Kiwanis, Etc.)	No
Local Funding Availability	

Apply for Community Development Block	Yes
Fund projects through Capital	Yes
Authority to levy taxes for a specific purpose	Yes
Fees for water, sewer, gas, or electric services	N/A
Impact fees for new development	N/A
Ability to incur debt through general obligation bonds	Yes
Ability to incur debt through special tax bonds	Yes
Ability to incur debt through private activities	N/A
Withhold spending in hazard prone areas	N/A

#### HUNTSDALE

The Mayor and the Board of Aldermen are the policy making bodies of the government. Some aldermen members have attended training to be CERT certified through the county. The Village of Huntsdale doesn't own any buildings or vehicles.

An engineering firm was hired to redesign the streets and stormwater ditches throughout the village. The project began in 2007 and construction was completed in 2012.

Since the last update a music venue and café have come to the Village of Huntsdale. A large portion of the Huntsdale city limits fall within the floodplain but the Katy Trail draws hikers and cyclists through and a boat ramp allows for visitors and residents access to the Missouri River.

Capabilities	Status Including Date of Document or Policy	
Planning Capabilities		
Comprehensive Plan	No: county	
Builder's Plan	No	
Capital Improvement Plan	No	
City Emergency Operations Plan	N/A	
County Emergency Operations Plan	Annual Review	
Local Recovery Plan	N/A	
County Recovery Plan	In Progress	
City Mitigation Plan	N/A	
County Mitigation Plan	Yes: 2015	
Debris Management Plan	N/A	
Economic Development Plan	N/A	
Transportation Plan	Regional Transportation Plan: 2015	
Land-Use Plan	N/A	
Flood Mitigation Assistance (FMA) Plan	N/A	
Watershed Plan	N/A	
Firewise or other fire mitigation plan	No	
School Mitigation Plan	No	
Critical Facilities Plan (Mitigation/Response/Recover)	N/A	
Policie	s/Ordinance	
Zoning Ordinance	Yes	

Table 2.14: Huntsdale Mitigation Capabilities

Building Code	Yes
Floodplain Ordinance	N/A
Subdivision Ordinance	N/A
Tree Trimming Ordinance	N/A
Nuisance Ordinance	N/A
Stormwater Ordinance	N/A
Drainage Ordinance	N/A
Site Plan Review Requirements	N/A
Historic Preservation Ordinance	N/A
Landscape Ordinance	N/A
Prog	gram
Zoning/Land Use Restrictions	Yes
Codes Building Site/Design	No
Hazard Awareness Program	No
National Flood Insurance Program (NFIP)	Yes
NFIP Community Rating System (CRS) Program	N/A
National Weather Service (NWS) Storm Ready	No
Firewise Community Certification	No
Building Code Effectiveness Grading (BCEGs)	No
ISO Fire Rating	10
Economic Development Program	No
Land Use Program	No
Public Education/Awareness	No
Property Acquisition	No
Planning/Zoning Boards	Yes
Stream Maintenance Program	No
Tree Trimming Program	No
Engineering Studies for Streams (Local/County/Regional)	N/A
Mutual Aid Agreements	N/A
Studies/Reports/Maps	

Hazard Analysis/Risk Assessment (Local)	N/A	
Hazard Analysis/Risk Assessment (County)	N/A	
Flood Insurance Maps	N/A	
FEMA Flood Insurance Study (Detailed)	N/A	
Evacuation Route Map	County	
Critical Facilities Inventory	N/A	
Vulnerable Population Inventory	N/A	
Land Use Map	N/A	
Staff/Dej	partment	
Building Code Official	Yes	
Building Inspector	No	
Mapping Specialist (GIS)	No	
Engineer	No	
Development Planner	No	
Public Works Official	No	
Emergency Management Director	Yes: County	
NFIP Floodplain Administrator	Yes: Part-time Volunteer	
Emergency Response Team	Yes: BCFPD	
Hazardous Materials Expert	Yes: BCFPD	
Local Emergency Planning Committee	Yes: County	
County Emergency Management Commission	N/A	
Sanitation Department	No	
Transportation Department	No	
Economic Development Department	No	
Housing Department	No	
Historic Preservation	No	
Non-Governmental Organizations (NGOs)		
American Red Cross	No	
Salvation Army	No	
Veterans Groups	No	

Local Environmental Organization	No
Homeowners Associations	No
Chamber of Commerce	No
Community Organizations (Lions, Kiwanis, Etc.)	No
Local Fundin	g Availability
Apply for Community Development Block	Yes
Fund projects through Capital	Yes
Authority to levy taxes for a specific purpose	Yes
Fees for water, sewer, gas, or electric services	No
Impact fees for new development	N/A
Ability to incur debt through general obligation bonds	Yes
Ability to incur debt through special tax bonds	Yes
Ability to incur debt through private activities	N/A
Withhold spending in hazard prone areas	N/A

#### ROCHEPORT

The Mayor and the City Council are the policy making bodies in the city government. The City employs a City Clerk.

The City of Rocheport no longer owns or operates the wastewater treatment plant; it is now owned and operated by the Boone County Regional Sewer District. Past mitigation actions include exploring effective strategies to mitigate flooding at the wastewater treatment plant in Rocheport. In the spring of 2019 flooding reached more than 33 ft in June 2019. Sandbagging efforts were enacted to protect the town and the wastewater treatment plant. While businesses were not directly under water there was a marked decrease in economic activity due to Katy Trail closures.

Capabilities	Status Including Date of Document or Policy	
Planning Capabilities		
Comprehensive Plan	No	
Builder's Plan	N/A	
Capital Improvement Plan	N/A	
City Emergency Operations Plan	Yes: Backup city hall	
County Emergency Operations Plan	Annual Review	
Local Recovery Plan	N/A	
County Recovery Plan	In Progress	
City Mitigation Plan	N/A	
County Mitigation Plan	2015	
Debris Management Plan	County: 2018	
Economic Development Plan	N/A	
Transportation Plan	Regional Transportation Plan: 2015	
Land-Use Plan	N/A	
Flood Mitigation Assistance (FMA) Plan	N/A	
Watershed Plan	N/A	
Firewise or other fire mitigation plan	No	
School Mitigation Plan	N/A	
Critical Facilities Plan (Mitigation/Response/Recover)	N/A	
Policies	s/Ordinance	
Zoning Ordinance	Yes	

**Table 2.15: Rocheport Mitigation Capabilities** 

Building Code	Yes
Floodplain Ordinance	N/A
Subdivision Ordinance	Yes
Tree Trimming Ordinance	N/A
Nuisance Ordinance	N/A
Stormwater Ordinance	No
Drainage Ordinance	N/A
Site Plan Review Requirements	N/A
Historic Preservation Ordinance	N/A
Landscape Ordinance	N/A
Prog	gram
Zoning/Land Use Restrictions	Yes
Codes Building Site/Design	N/A
Hazard Awareness Program	N/A
National Flood Insurance Program (NFIP)	Yes
NFIP Community Rating System (CRS) Program	N/A
National Weather Service (NWS) Storm Ready	N/A
Firewise Community Certification	No
Building Code Effectiveness Grading (BCEGs)	N/A
ISO Fire Rating	5
Economic Development Program	N/A
Land Use Program	N/A
Public Education/Awareness	N/A
Property Acquisition	N/A
Planning/Zoning Boards	N/A
Stream Maintenance Program	N/A
Tree Trimming Program	N/A
Engineering Studies for Streams (Local/County/Regional)	No
Mutual Aid Agreements	N/A
Studies/Reports/Maps	

Hazard Analysis/Risk Assessment (Local)	N/A	
Hazard Analysis/Risk Assessment (County)	N/A	
Flood Insurance Maps	N/A	
FEMA Flood Insurance Study (Detailed)	N/A	
Evacuation Route Map	County	
Critical Facilities Inventory	No	
Vulnerable Population Inventory	No	
Land Use Map	N/A	
Staff/Dep	partment	
Building Code Official	No	
Building Inspector	No	
Mapping Specialist (GIS)	No	
Engineer	No	
Development Planner	No	
Public Works Official	N/A	
Emergency Management Director	N/A	
NFIP Floodplain Administrator	N/A	
Emergency Response Team	N/A	
Hazardous Materials Expert	N/A	
Local Emergency Planning Committee	N/A	
County Emergency Management Commission	N/A	
Sanitation Department	No	
Transportation Department	No	
Economic Development Department	No	
Housing Department	No	
Historic Preservation	No	
Non-Governmental Organizations (NGOs)		
American Red Cross	No	
Salvation Army	No	
Veterans Groups	No	

Local Environmental Organization	No
Homeowners Associations	No
Chamber of Commerce	No
Community Organizations (Lions, Kiwanis, Etc.)	No
Local Fundin	g Availability
Apply for Community Development Block	Yes
Fund projects through Capital	Yes
Authority to levy taxes for a specific purpose	Yes
Fees for water, sewer, gas, or electric services	County
Impact fees for new development	N/A
Ability to incur debt through general obligation bonds	N/A
Ability to incur debt through special tax bonds	N/A
Ability to incur debt through private activities	N/A
Withhold spending in hazard prone areas	N/A

#### STURGEON

The Mayor and the Board of Aldermen are the policy making bodies in the city government. the City employs a City Clerk and Police Chief.

Since the last update the city project to change the wastewater system to a no discharge/land application system and the addition of a holding basin for treated wastewater from the lagoons has been completed. Residential development since 2015 includes the Sterling Meadows Subdivision and the Penkins Subdivision. Commercial additions include a Dollar General and the Sturgeon Meat Market.

Capabilities	Status Including Date of Document or Policy	
Planning Capabilities		
Comprehensive Plan	Pending	
Builder's Plan	N/A	
Capital Improvement Plan	N/A	
City Emergency Operations Plan	N/A	
County Emergency Operations Plan	Annual Review	
Local Recovery Plan	N/A	
County Recovery Plan	In Progress	
City Mitigation Plan	N/A	
County Mitigation Plan	2015	
Debris Management Plan	N/A	
Economic Development Plan	N/A	
Transportation Plan	Regional Transportation Plan: 2015	
Land-Use Plan	N/A	
Flood Mitigation Assistance (FMA) Plan	Yes	
Watershed Plan	Yes	
Firewise or other fire mitigation plan	No	
School Mitigation Plan	No	
Critical Facilities Plan (Mitigation/Response/Recover)	No	
Policies/Ordinance		
Zoning Ordinance	Yes	
Building Code	County	

**Table 2.16: Sturgeon Mitigation Capabilities** 

Floodplain Ordinance	N/A
Subdivision Ordinance	Yes
Tree Trimming Ordinance	Yes
Nuisance Ordinance	Yes
Stormwater Ordinance	Yes
Drainage Ordinance	Yes
Site Plan Review Requirements	Yes
Historic Preservation Ordinance	Yes
Landscape Ordinance	Yes
Prog	gram
Zoning/Land Use Restrictions	Yes
Codes Building Site/Design	County
Hazard Awareness Program	Yes
National Flood Insurance Program (NFIP)	Yes
NFIP Community Rating System (CRS) Program	N/A
National Weather Service (NWS) Storm Ready	Yes
Firewise Community Certification	No
Building Code Effectiveness Grading (BCEGs)	Yes
ISO Fire Rating	4
Economic Development Program	Yes
Land Use Program	No
Public Education/Awareness	Yes
Property Acquisition	No
Planning/Zoning Boards	Yes
Stream Maintenance Program	N/A
Tree Trimming Program	Yes
Engineering Studies for Streams	N/A
(Local/County/Regional) Mutual Aid Agreements	Yes
	ports/Maps
Hazard Analysis/Risk Assessment (Local)	No

Hazard Analysis/Risk Assessment (County)	N/A
Flood Insurance Maps	N/A
FEMA Flood Insurance Study (Detailed)	N/A
Evacuation Route Map	County
Critical Facilities Inventory	N/A
Vulnerable Population Inventory	No
Land Use Map	No
Staff/De	partment
Building Code Official	County
Building Inspector	County
Mapping Specialist (GIS)	No
Engineer	No
Development Planner	Yes
Public Works Official	Yes
Emergency Management Director	Yes
NFIP Floodplain Administrator	Yes
Emergency Response Team	No
Hazardous Materials Expert	No
Local Emergency Planning Committee	No
County Emergency Management Commission	No
Sanitation Department	No
Transportation Department	No
Economic Development Department	No
Housing Department	No
Historic Preservation	Yes
Non-Governmental C	Organizations (NGOs)
American Red Cross	No
Salvation Army	No
Veterans Groups	No
Local Environmental Organization	No

Homeowners Associations	No
Chamber of Commerce	Yes
Community Organizations (Lions, Kiwanis, Etc.)	No
Local Fundin	g Availability
Apply for Community Development Block	Yes
Fund projects through Capital	No
Authority to levy taxes for a specific purpose	Yes
Fees for water, sewer, gas, or electric services	Yes
Impact fees for new development	Yes
Ability to incur debt through general obligation bonds	Yes
Ability to incur debt through special tax bonds	Yes
Ability to incur debt through private activities	No
Withhold spending in hazard prone areas	No

# Table 2.17: Summary of Jurisdictional Capabilities

Capabilities	Uninc. Boone County	Ashland	Centralia	Columbia	Hallsville	Harrisburg	Hartsburg	Huntsdale	Rocheport	Sturgeon
	·			Plannin	g Capabilitie	es				
Comprehensive Plan	Columbia Comprehensi ve Plan: 2013	Yes: Update In Progress	Yes	Yes: 2013	No	No	No	No: county	No	Pending
Builder's Plan	Proposed Budget Book: 2018	N/A	N/A	N/A	No	N/A	N/A	No	N/A	N/A
Capital Improvement Plan	N/A	N/A	N/A	Yes: 2018	No	N/A	N/A	No	N/A	N/A
City Emergency Operations Plan	N/A	Yes	Yes	Yes	In Progress	Yes	Yes	N/A	Yes: Backup city hall	N/A
County Emergency Operations Plan	Yes: Annual Review	Yes	Yes	Yes	Annual Review	Annual Review	Annual Review	Annual Review	Annual Review	Annual Review
Local Recovery Plan	In Progress	N/A	N/A	In Progress	No	N/A	N/A	N/A	N/A	N/A
County Recovery Plan	In Progress	In Progress	In Progress	In Progress	In Progress	In progress	In Progress	In Progress	In Progress	In Progress
City Mitigation Plan	N/A	N/A	N/A	N/A	No	N/A	N/A	N/A	N/A	N/A
County Mitigation Plan	2015	2015	2015	2015	2015	N/A	Yes: 2015	Yes: 2015	2015	2015
Debris Management Plan	2018	N/A	N/A	N/A	Yes	No	No	N/A	County: 2018	N/A
Economic Development	REDI	N/A	CREDI	N/A	No	No	N/A	N/A	N/A	N/A

Plan										
Transportation Plan	Regional Transportatio n Plan: 2015	2015: Regiona 1 Transpo rtation Plan	Regional Transport ation Plan (Mid- MO)	CATSO TIP: 2019-2022	Regional Transport ation Plan: 2015	Regional Transporta tion Plan: 2015	Regional Transporta tion Plan? 2015	Regional Transporta tion Plan: 2015	Regional Transporta tion Plan: 2015	Regional Transport ation Plan: 2015
Land-Use Plan	N/A	N/A	N/A	Yes	In- Progress	No	N/A	N/A	N/A	N/A
Flood Mitigation Assistance (FMA) Plan	N/A	N/A	N/A	N/A	No	N/A	N/A	N/A	N/A	Yes
Watershed Plan	Bonne Femme: 2007	N/A	N/A	Bonne Femme: 2007	No	N/A	N/A	N/A	N/A	Yes
Firewise or other fire mitigation plan	No	No	No	No	No	No	No	No	No	No
School Mitigation Plan	N/A	N/A	N/A	N/A	N/A	No	N/A	No	N/A	No
Critical Facilities Plan (Mitigation/Res ponse/Recover)	EOP in review: 2017	N/A	N/A	N/A	No	N/A	N/A	N/A	N/A	No
- · ·				Policie	es/Ordinance	;				
Zoning Ordinance	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Building Code	N/A	Yes	Yes	Yes	Yes: 2015	Yes	Yes	N/A	Yes	County
Floodplain Ordinance	N/A	Yes	Yes	Yes	Yes: 2016	Yes	Yes	N/A	N/A	N/A
Subdivision Ordinance	Yes	Yes	Yes	Yes	Yes	No	N/A	N/A	Yes	Yes

Tree Trimming Ordinance	N/A	N/A	N/A	Yes	No	No	N/A	N/A	N/A	Yes
Nuisance Ordinance	N/A	N/A	Yes	Yes	Yes	N/A	N/A	N/A	N/A	Yes
Stormwater	N/A	Yes	No	Yes	Yes	N/A	N/A	N/A	No	Yes
Ordinance										
Drainage Ordinance	N/A	N/A	N/A	Yes	Yes	N/A	N/A	N/A	N/A	Yes
Site Plan Review Requirements	N/A	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A	Yes
Historic Preservation Ordinance	N/A	N/A	N/A	Yes	No	Yes	N/A	N/A	N/A	Yes
Landscape Ordinance	N/A	N/A	N/A	N/A	Yes	N/A	N/A	N/A	N/A	Yes
	·			I	Program					
Zoning/Land Use Restrictions	N/A	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Codes Building Site/Design	N/A	Yes	N/A	Yes	Yes	N/A	N/A	No	N/A	County
Hazard Awareness Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	N/A	Yes
National Flood Insurance Program (NFIP)	Yes: Portions of County	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
NFIP Community Rating System (CRS) Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
National Weather	Yes: 2019	N/A	N/A	N/A	N/A	N/A	N/A	No	N/A	Yes

Service (NWS)										
Storm Ready										
Firewise Community	No	No	No	No	No	No	No	No	No	No
Certification										
Building Code	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	N/A	Yes
Effectiveness										
Grading										
(BCEGs)										
ISO Fire	Varies	4	5	2	4	N/A	5	10	5	4
Rating										
Economic	N/A	N/A	CREDI	REDI	N/A	N/A	N/A	No	N/A	Yes
Development										
Program										
Land Use	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	N/A	No
Program										
Public	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	N/A	Yes
Education/Awa										
reness										
Property	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	N/A	No
Acquisition										
Planning/Zonin	N/A	Yes	Yes	Yes	Yes	N/A	N/A	Yes	N/A	Yes
g Boards										
Stream	Yes:	N/A	N/A	N/A	N/A	N/A	N/A	No	N/A	N/A
Maintenance	DNR/Wastew									
Program	ater									
	Management									
Tree Trimming	N/A	N/A	N/A	N/A	No	N/A	N/A	No	N/A	Yes
Program										
Engineering	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	N/A
Studies for										
Streams										
(Local/County/										
Regional)										
Mutual Aid	N/A	N/A	N/A	N/A	Yes	N/A	N/A	N/A	N/A	Yes
Agreements										

				Studies	/Reports/Map	os				
Hazard Analysis/Risk Assessment (Local)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No
Hazard Analysis/Risk Assessment (County)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Flood Insurance Maps	Yes	Yes	N/A	N/A	Yes	N/A	N/A	N/A	N/A	N/A
FEMA Flood Insurance Study (Detailed)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Evacuation Route Map	Yes	County	County	County	In Progress/ County	County	County	County	County	County
Critical Facilities Inventory	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	N/A
Vulnerable Population Inventory	N/A	N/A	N/A	N/A	No	No	No	N/A	No	No
Land Use Map	Yes		N/A	Yes	Yes	N/A	N/A	N/A	N/A	No
				Staff	Department					
Building Code Official	Yes	N/A	County	Yes	Boone County	No	No	Yes	No	County
Building Inspector	Yes	N/A	County	Yes	Boone County	N/A	No	No	No	County
Mapping Specialist (GIS)	Yes	N/A	No	Yes	Boone County	No	No	No	No	No

Engineer	Yes	N/A	No	Yes	No	No	No	No	No	No
Development Planner	Yes	N/A	No	N/A	No	No	No	No	No	Yes
Public Works Official	Yes	Yes	Yes	Yes	Yes	N/A	No	No	N/A	Yes
Emergency Management Director	Yes	N/A	County	N/A	Yes	N/A	No	Yes: County	N/A	Yes
NFIP Floodplain Administrator	Yes	N/A	Yes	N/A	Yes	N/A	N/A	Yes: Part- time Volunteer	N/A	Yes
Emergency Response Team	Yes	N/A	Yes	N/A	Yes/CER T	N/A	N/A	Yes: BCFPD	N/A	No
Hazardous Materials Expert	Yes	N/A	No	N/A	No	No	No	Yes: BCFPD	N/A	No
Local Emergency Planning Committee	Yes	N/A	Yes	Yes	Yes/CER T	N/A	N/A	Yes: County	N/A	No
County Emergency Management Commission	No	N/A	N/A	Yes	Yes	N/A	N/A	N/A	N/A	No
Sanitation Department	Yes	Yes	Yes	Yes	Contract	N/A	N/A	No	No	No
Transportation Department	Yes	N/A	Yes	Yes	No	N/A	No	No	No	No
Economic Development Department	Yes	N/A	Yes	REDI	No	N/A	N/A	No	No	No
Housing Department	N/A	N/A	No	Yes	No	No	No	No	No	No
Historic Preservation	Yes	No	N/A	N/A	No	N/A	N/A	No	No	Yes

			Non	-Government	al Organizati	ons (NGOs)				
American Red Cross	No	N/A	N/A	Yes	No	No	No	No	No	No
Salvation Army	Yes	N/A	N/A	N/A	No	No	No	No	No	No
Veterans Groups	Yes	N/A	N/A	Yes	No	No	No	No	No	No
Local Environmental Organization	Yes	N/A	N/A	N/A	No	No	No	No	No	No
Homeowners Associations	Yes	N/A	N/A	N/A	No	No	No	No	No	No
Chamber of Commerce	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes
Community Organizations (Lions, Kiwanis, Etc.)	Yes	Lions	Yes	N/A	Yes	No	No	No	No	No
				Local Fun	ding Availab	oility				
Apply for Community Development Block	Yes	N/A	Yes	N/A	Yes	Yes	Yes	Yes	Yes	Yes
Fund projects through Capital	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Authority to levy taxes for a specific purpose	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fees for water, sewer, gas, or electric services	Yes	Yes	Yes	Yes	Yes	N/A	N/A	No	County	Yes
Impact fees for new	N/A	N/A	Yes	Yes	Yes	N/A	N/A	N/A	N/A	Yes

development										
Ability to incur debt through general obligation bonds	N/A	Yes	N/A	Yes						
Ability to incur debt through special tax bonds	N/A	Yes	N/A	Yes						
Ability to incur debt through private activities	N/A	Yes	N/A	Yes	No	N/A	N/A	N/A	N/A	No
Withhold spending in hazard prone areas	N/A	Yes	N/A	Yes	No	N/A	N/A	N/A	N/A	No

# SPECIAL DISTRICT

There are numerous special districts in the planning area which are vital to the health and safety of the population. In addition to providing basic services, personnel of the Special Districts possess a wealth of knowledge and experience valuable for hazard mitigation planning.

#### **ROAD AND BRIDGE DISTRICTS**

#### **Centralia Special Road District**

- Organized through Chapter 233 of the Missouri Statutes
- Composed of three commissioners elected to serve three-year terms
- Responsible for maintaining the roads and bridges of the Centralia Township and an additional 15 square miles in the area
- The three commissioners of the District can identify projects that may be particularly helpful to protecting the road infrastructure of northeastern Boone County.

# NON-GOVERNMENTAL AND VOLUNTEER ORGANIZATIONS

#### Organizations and Volunteers Active in Disasters (OVAD)

OVAD provides for the effective use of volunteers in enhancing the ability to mitigate, prepare, respond, and recover from disasters throughout Boone County. OVAD activity is coordinated through the Boone County office of the State of Missouri Division of Family Services, in conjunction with the overall plan from the Office of Emergency Management. Organizations in Boone County such as American Red Cross, Columbia Office of Volunteer Services, Salvation Army, Columbia/Boone County Health Department, church agencies, and other non-profits are active in supporting the work of OVAD.

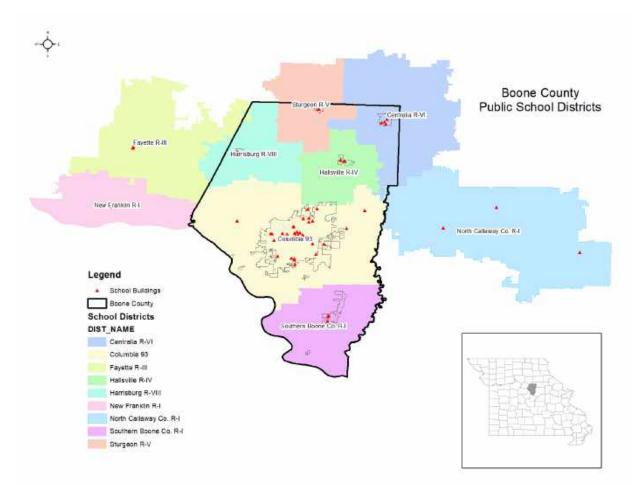
# PUBLIC SCHOOL DISTRICT PROFILES AND MITIGATION CAPABILITIES

There are 9 public School districts that intersect the Boone County boundary. They are:

- Centralia R-VI
- Sturgeon R-V
- Fayette R-III
- Harrisburg R-VIII
- North Callaway R-I
- New Franklin R-I
- Southern Boone R-I
- Columbia Public Schools
- Hallsville R-IV

Figure 2.8 displays the school districts and how they are situated within and around the Boone County boundary.

**Figure 2.8: Boone County School Districts** 



Of the 9 public school districts whose boundaries intersect Boone County only 6 of the districts have buildings and are primarily within Boone County jurisdiction. Centralia, Columbia Public Schools,

Hallsville, Harrisburg, Southern Boone, and Sturgeon own structures within Boone County. Of the 6 main districts only Harrisburg R-VIII did not participate in the planning process.

#### **CENTRALIA R-VI SCHOOL DISTRICT**

The District partnered with the City of Centralia in February 2013 to add a School Resource Officer who has been instrumental in all areas of school safety and disaster preparedness. There is great interest in adding a tornado safe room for the district.

Table 2.18			
Central	ia R-VI School Distri	et	
School Name	Grades	Certified Staff	Enrollment 2019-20
Chance Elementary	РК-2	57	(01
Centralia Intermediate	3-5	57	601
Chester Boren Middle	6-8	35	320
Centralia High	9-12	42	451
	Total	134	1,372
Source: Missouri Department of Elementary and		_	1,372
		_	1,372
	Secondary Education - Data	as of 11/17/2019 Replacement	1,372 Value (including itents)
	Secondary Education - Data operty Valuation	as of 11/17/2019 Replacement cor	Value (including

#### COLUMBIA PUBLIC SCHOOLS

There is a great need for satisfactory tornado sheltering at the district's schools. This is a huge and expensive task, especially given the tight economic times and the size of the district. As remodels happen throughout the districts many buildings hardening efforts are added to facilities. The district continues to train all personnel on the various natural and man-made hazards that could face their students and faculty. Preparedness plans are reviewed and altered as needed.

Construction on the John Warner Middle School has begun. It will be taking pressure off the currently over capacity Gentry Middle School.

Columbia Public Schools - Overview									
Schools	Certified Staff	Enrollment 2019-20							
23	804	9,009							
6	383	4,135							
5	586	5,411							
34	1,773	18,555							
Secondary Education	- Data as of 11/17/2019; Scho	ool District							
operty Valuation									
Count	Replacement Value (including contents)	Insured Value							
38	Not available								
Not available		Not available							
	Schools           Schools           23           6           5           34           condary Education           coperty Valuation           Count           38           Not	Schools     Certified Staff       23     804       6     383       5     586       34     1,773       Secondary Education - Data as of 11/17/2019; Schoroperty Valuation       Count     Replacement Value (including contents)       38     Not available							

Figure 2.2 is a list of school buildings that are part of the Columbia Public Schools district.

Table 2.2									
<b>Columbia Public Schools - Schools and Administrative Buildings</b>									
School Name Grades School Name Grades									
Alpha Hart Lewis Elementary	PK-05	Parkade Elementary	PK-05						
Battle Elementary	PK-05	Rainforest Parkway Early Childhood Center							
Beulah Ralph Elementary*	PK-05	Robert E. Lee Elementary	PK-05						
Blue Ridge Elementary	PK-05	Rock Bridge Elementary	PK-05						
Cedar Ridge Elementary	PK-05	Russell Boulevard Elementary	PK-05						
Derby Ridge Elementary	PK-05	Shepard Boulevard Elementary	PK-05						
Fairview Elementary	PK-05	Thomas Benton Elementary	PK-05						
Field Elementary/EEE	PK-05	Two Mile Prairie Elementary	K-05						
John Ridgeway Elementary	K-05	Ulysses S. Grant Elementary	PK-05						

Mary Paxton Keeley Elementary	PK-05	Early Childhood Education Center - Waco	РК
Midway Heights Elementary	PK-05	West Boulevard Elementary	PK-05
Mill Creek Elementary	PK-05	Discovery Early Childhood Center	РК
New Haven Elementary	PK-05	Center for Early Learning – North	РК
Ann Hawkins Gentry Middle	6-8	Oakland Middle	6-8
Jefferson Middle	6-8	Smithton Middle	6-8
John B. Lange Middle	6-8	West Middle	6-8
David H. Hickman High	9-12	John Warner Middle	6-8
Frederick Douglass High	9-12	Rock Bridge Sr. High	9-12
Columbia Area Career Center	10-12	Muriel W. Battle High	9-12
Aslin Administration Building		Facilities and Construction Services Building	
Center for Responsive Education		Center for Gifted Education/Title 1	
Source: School District			

#### HALLSVILLE R-IV SCHOOL DISTRICT

Table 2.21			
Н	allsville R-IV School Dis	trict	T
School Name	Grades	Certified Staff	Enrollment 2019-20
Hallsville Primary	PK-1	68	700
Hallsville Intermediate	2-5	08	
Hallsville Middle	6-8	32	337
Hallsville High	9-12	41	389
	Total	141	1,426
Source: Missouri Department of Elementary and	Secondary Education - Data	as of 11/17/2019	
	<b>Property Valuation</b>		
	Property Valuation Count	Replacement Value (including contents)	Insured Value
Buildings			Insured Value

The School District received the Fleet Excellence Award for its performance on bus safety inspections in 2019; the bus inspections achieved a 100% approval rate with all buses passing inspection and none out of service. The award is presented by the Missouri Highway Patrol. The Hallsville School District has had a track record of achievement in bus safety.

A science wing and a health and fitness classroom/weight room have been completed on the high school. In 2017 an operating levy increase passed to keep class sizes small, expand technology, and attract and retain quality educators. In 2018, a \$7 million bond issuance passed to construct a second-grade wing, gymnasium, and storm shelter at the primary school. These additions are currently underway and estimated to open in the 2020-2021 school year.

#### HARRISBURG R-VIII SCHOOL DISTRICT

The Harrisburg School District did not participate in the 2020 Boone County Hazard Mitigation update. According to the last update there are not any specific future development plans. Long-term facilities plan goals include the addition of a middle school building, addition of a softball field in the high school sports complex and the acquisition of land for future growth.

Table 2.22			
Harrisburg F	R-VIII School I	District	
School Name	Grades	Certified Staff	Enrollment 2019-20
Harrisburg Elementary	K-5	28	307
Harrisburg Middle	6-8	20	152
Harrisburg High	9-12	21	155
	Total	69	614
Source: Missouri Department of Elementary and Seco	ndary Education	- Data as of 11/17/2019	·
Prope	erty Valuation		
	Count	Replacement Value (including contents)	Insured Value
Buildings	15	\$22,129,873	
Vehicles	15		\$47,487
Sources: School District Insurance Statement	•		•

#### SOUTHERN BOONE COUNTY R-I SCHOOL DISTRICT

Southern Boone has had rapid growth in the last several years. In 2018 a bond initiative funded construction on a new elementary gymnasium, central office building, and high school baseball and softball fields. In 2019 voters approved a tax increase to build an addition onto the primary school. The addition will include 17 new classrooms and 6 additional teachers offices.

Future plans include a no-tax increase bond for 2021that would focus on current overcrowding in the elementary and middle schools.

Southern I	Boone Co. R-I Sch	ool District	
School Name	Grades	Certified Staff	Enrollment 2019-20
Southern Boone Primary	PK-2	97	977
Southern Boone Elementary	3-5	87	866
Southern Boone Middle	6-8	39	394
Southern Boone High	9-12	49	482
	Total	175	1,742
Source: Missouri Department of Elementary a	nd Secondary Educatior	n - Data as of 11/17/2019	
· · · · ·	Property Valuation	n	
	Count	Replacement Value (including contents)	Insured Value
Buildings	5	\$51,000,000	
Vehicles	32		•

#### **STURGEON R-V SCHOOL DISTRICT**

Construction on two new classrooms, an outdoor track, and canopy at the high school have finished since the previous update. Safety upgrades to security cameras and the addition of shatterproof film at the Elementary, Middle, and High School are currently in the works.

A no-tax increase bond measure is set for June 2020. If passed, it would go toward upgrading door security features, installing ballistic film to exterior windows throughout the district, communications upgrades, as well as various other maintenance and remodel projects.

Stu	rgeon R-V School Dis	trict	
School Name	Grades	Certified Staff	Enrollment 2019-20
Sturgeon Elementary	K-4	23	175
Sturgeon Middle	5-8	16	126
Sturgeon High	9-12	20	132
	Total	59	433
Source: Missouri Department of Elementary a	nd Secondary Education -	Data as of 11/17/2019	
	Property Valuation		
	Count	Replacemer (including co	
Buildings	3	\$15,895,192	
Vehicles	8		

Capability	Centralia R-VI	Columbia Public	Hallsville R-IV	Southern Boone	Sturgeon R-V
<b>.</b>		Schools			
Planning Elements		1	1	1	1
Master Plan/Date	N/A	N/A	N/A	N/A	N/A
Capital Improvement Plan/Date	Yes: 2013	Yes:2018	Yes:2019	Yes:N/A	Yes: N/A
School Emergency Plan/Date	Yes: N/A	Yes:2014	Yes: N/A	Yes:N/A	Yes: N/A
Weapons Policy/Date	Yes: N/A	Yes	N/A	Yes	Yes
Personnel Resources					
Full-Time Building Official (Principal)	Yes	Yes	Yes	Yes	Yes
Emergency Manager	N/A	N/A	N/A	N/A	N/A
Grant Writer	N/A	N/A	N/A	N/A	N/A
Public Information Officer	N/A	Yes	Yes	N/A	
Financial Resources					-
Capital Improvements Project Funding	Yes	Yes	Yes	Yes	Yes
Local Funds	Yes	Yes	Yes	Yes	Yes
General Obligation Bonds	Yes	Yes	Yes	Yes	Yes
Special Tax Bonds	N/A	N/A	N/A	N/A	N/A
Private Activities/Donations	N/A	N/A	N/A	N/A	N/A
State and Federal Funds/Grants	Yes	Yes	Yes	Yes	Yes
Other	100	100	100	100	100
Public Education Programs	N/A	N/A	N/A	N/A	N/A
Privately or Self- Insured?	N/A	N/A	N/A	N/A	N/A
Fire Evacuation Training	Yes	Yes	Yes	Yes	Yes
Tornado Sheltering Exercises	Yes	Yes	Yes	Yes	Yes
Public Address/Emergency Alert System	Yes	Yes	Yes	Yes	Yes
NOAA Weather Radios	N/A	Yes	N/A	Yes	N/A
Lock-Down Security Training	Yes	Yes	Yes	Yes	Yes
Mitigation Programs	N/A	N/A	N/A	N/A	N/A
Tornado Shelter/Saferoom	Yes	Yes	Yes	Yes	Yes
Campus Police	SRO	Yes	SRO	N/A	N/A

 Table 2.25
 Summary of Mitigation Capabilities for Boone County School Districts

# **Higher Education**

### COLUMBIA COLLEGE

Columbia college did not participate in the mitigation planning process for 2020. Past projects include construction on the Browder Science Center and a soccer field and facility, and improvements to parking structures and cooling towers.

There are plans to redevelop the central part of campus.

Table 2.26				
Columbia College (planning area only)				
		Property Valuation		
	Count	Replacement Value (including contents)	Insured Value	
Student Population (planning area only)	1597	N/A	N/A	
Faculty	157	N/A	N/A	
Staff	483	N/A	N/A	
Buildings	27	\$270,000,000	N/A	
Vehicles	22	N/A	\$5,500,000	
Sources: College staff, Insurance Statement	•			

# **STEPHENS COLLEGE**

A large renovation project was conducted in 2015 on Sampson Hall. An existing portion of the building was demolished and rebuilt to include new classrooms, faculty offices, labs, and multiuse areas for the physician studies program.

Table 2.27 Stephens College				
	775 on-campus			
Student Population	385 commuting			
Faculty and Staff	318			
Total Buildings	14			
Residential dorms	5			
Office & Operations facilities	4	Not available		
Learning Center	4 and the library			
Plant Facilities	1			
Source: Stephens College	•			

#### **UNIVERSITY OF MISSOURI**

The University of Missouri (MU) is a separate government entity for most practical purposes. MU strives to have planning documents and policies consistent with those of the City of Columbia and Boone County. MU is a large city within the City of Columbia, with its own power generation capability and separate water system. MU Police Department is one of the very few fully accredited law-enforcement agencies in Missouri. MU has an emergency management coordinator who works directly with city and county government agencies to integrate collaborative planning and training opportunities. MU has worked cooperatively with the City and County in emergency preparedness efforts through collaboration on numerous committees.

The University has an updated master plan for all facilities and infrastructure in direct collaboration with the City of Columbia. This includes major renovations to historic buildings, refurbishing outdated infrastructure and building new state of the art facilities. Information about the most the recent MU Campus Master Plan can be found at: <u>https://masterplan.missouri.edu/mumaster-plan/</u>

Additional activities include working on the NWS Storm Ready designation and continued work on improving mass alert and warning systems to be compliant with Clery Act and accreditation requirements of the state and federal government.

Table 2.28				
University of Missouri - Columbia				
	Count			
Student Population	35,441	]		
Faculty	2,600			
Staff	5,500			
	Count	Total Property Valuation (estimate)		
Buildings	357	\$2,200,007,047		
Vehicles	967	\$3,209,097,047		
Sources: University staff	·	·		

Section 3: Risk Assessment.
• Hazard Identification
Multi-Jurisdictional Risk Assessment91
• Assets At Risk
• Hazard Profiles, Vulnerability, and Problem Statements
o Flood
<ul> <li>Levee Failure</li> </ul>
<ul> <li>Dam Failure</li> </ul>
<ul> <li>Earthquake</li> </ul>
<ul> <li>Land Subsidence/Sinkholes</li> </ul>
<ul> <li>Severe Thunderstorms (including Damaging Winds, Hail, and Lightning)</li> </ul>
o Tornado
<ul> <li>Severe Winter Weather (including Ice, Snow, and Severe Cold)</li> </ul>
<ul> <li>Drought</li> </ul>
• Extreme Heat
<ul> <li>Wildfire</li> </ul>
• Technological and Human-made Hazards Affecting the Planning Area
<ul> <li>Public Health Emergency</li> </ul>
<ul> <li>Hazardous Materials Release</li> </ul>
• Transportation Incident
• Nuclear Incident
<ul> <li>Utility Service Disruption</li> </ul>
<ul> <li>Telecommunications Disruption</li> </ul>
$\circ$ Cyber Attack

- Cyber AttackUnwanted Intruder/Active Shooter
- Terrorism
- Civil Disorder
- o Mass Casualty/Fatality Event

# Section 3: Natural Hazard Risk Assessment

44 CFR Requirement §201.6(c)(2): [The plan shall include] A risk assessment that provides the factual basis for activities proposed in the strategy to reduce losses from identified hazards. Local risk assessments must provide sufficient information to enable the jurisdiction to identify and prioritize appropriate mitigation actions to reduce losses from identified hazards.

Risk assessment is a process of estimating the potential for injury, death, property damage, or economic loss which may result from a hazard. A risk assessment is only as valuable as the thoroughness and accuracy of the information on which it is based. As will be seen, there is a great variation between hazards in the amount and reliability of the data available for analysis.

- Section 3.1 Hazard Identification identifies the natural and man-made hazards that threaten the area and provides basis for the elimination of hazards from further consideration.
- Section 3.2 Assets at Risk provides the planning area's total exposure to natural and man-made hazards, considering critical facilities and other community assets at risk.
- Section 3.3 Land Use and Development discusses development that has occurred since the last plan update and any increased or decreased risk that resulted. There will also be discussion of areas of planned future development and implications of such development.
- Section 3.4 Hazard Profiles and Vulnerability Analysis provides more detailed information about the hazards impacting the planning area. Each hazard will have a <u>Hazard Profile</u> that provides a general description and threat discussion, a <u>Vulnerability</u> <u>Assessment</u> to further define and quantify populations, structures and other community assets at risk, and a <u>Problem Statement</u> that summarizes the problem and possible solutions.

# Hazard Identification

# Requirement §201.6(c)(2)(i): [The risk assessment shall include a] description of the type...of all natural hazards that can affect the jurisdiction.

As part of the planning process each jurisdiction was asked to evaluate the probability and potential severity of each hazard addressed in this plan. Those responses were used to evaluate mitigation options.

## **Review of Existing Mitigation Plans**

There are certain other natural hazards which FEMA requires to be addressed in Hazard Mitigation Plans if they are applicable to the planning area. Avalanches and volcanoes have not been included in this plan as they do not pose a threat due to Boone County's topography and geology. Coastal erosion, coastal storms, hurricanes, and tsunamis do not pose a threat to the county due to its inland location.

The following natural hazards have been identified as posing potential risk in Boone County:

- Flood (includes riverine flooding, flash flooding, and storm water flooding)
- Levee Failure
- Dam Failure
- Earthquake
- Land Subsidence/Sinkhole
- Severe Thunderstorms (includes Damaging Winds, Hail, and Lightning)
- Tornado
- Severe Winter Weather (Snow, Ice, and Extreme Cold)
- Drought
- Extreme Heat
- Wildfire

The Missouri State Hazard Mitigation Plan (2018) indicates that expansive soils, landslides, and rockfalls are recognized as hazards in Missouri but occur infrequently and with minimal impact. For this reason, those hazards were not profiled in the state plan nor will they be profiled in the Boone County Plan.

### **Review Disaster Declaration History**

Severe storms and flooding are the most common events to warrant a disaster declaration in Boone County. In the event of flooding the declaration is brought on by mounting costs due to widespread water damage and the closure or destruction of several homes and businesses that impact the local economy of the affected area.

Disaster	Description	Declaration Date	Individual Assistance (IA)
Number		Incident Period	Public Assistance (PA)
3482	Covid-19 Pandemic	1/20/20-Ongoing	Ongoing
4451	Severe Storms and Flooding	4/29/19-7/5/19	IA/PA
4317	Severe Storms and Flooding	4/28/17-5/11/17	PA

#### Table 3.1: FEMA Disaster Declaration that included Boone County, Missouri 1965-Present

3374	Severe Storms and Flooding	12/22/15-1/9/16	PA
3325	Missouri Flooding	6/1/11-8/1/11	PA
1961	Severe Winter Storm	1/31/11-2/5/11	PA
3303	Severe Winter Storm	1/26/09-1/28-09	PA
1809	Severe Storms and Flooding	9/11/08-9/24/08	IA
1749	Severe Storms and Flooding	3/17/08-5/9/08	PA
1736	Severe Winter Storm	12/6/07-12/15/07	PA
3281	Severe Winter Storm	12/8/07-12/15/07	PA
1676	Severe Winter Storm	1/12/07-1/22/07	PA
3232	Hurricane Katrina Evacuation	8/29/05-10/1/05	PA
1463	Severe Storms and Flooding	5/4/03-5/30/03	IA
1403	Ice Storm	1/29/02-2/13/02	IA
1054	Severe Storms and Flooding	5/13/95-6/23/95	IA/PA
995	Flooding	6/10/93-10/25/93	IA/PA
867	Severe Storms and Flooding	5/15/90-5/31/90	IA/PA
779	Severe Storms and Flooding	9/18/86-10/15/86	IA
3017	Drought	9/24/76	PA
372	Severe Storms and Flooding	44/19/73	IA/PA

Source: Federal Emergency Management Agency, https://www.fema.gov/disasters

### **Research Additional Sources**

Sources utilized for information regarding past disaster incidents and research in the planning area include:

- Missouri Hazard Mitigation Plans (2013 and 2018)
- Previously approved Boone County Hazard Mitigation Plan (2015)
- Federal Emergency Management Agency (FEMA)
- Missouri Department of Natural Resources
- National Drought Mitigation Center Drought Reporter
- US Department of Agriculture's Ag Census
- Data Collection Questionnaires completed by each jurisdiction
- State of Missouri GIS data
- Hazards US (Hazus)
- Missouri Department of Transportation
- County Emergency Management
- County Flood Insurance Rate Map, FEMA
- U.S. Army Corps of Engineers
- United States Geological Survey (USGS)

### **Hazards Identified**

Profiled below is a summary of Natural Hazards in alphabetical order that have significant impacts on the planning area. Each jurisdiction is unique and may not be affected by every hazard. X indicates hazards that impact that jurisdiction.

Jurisdiction	Dam Failure	Drought	Earthquake	Extreme Temperatures	Flooding (River and Flash)	Land Subsidence/Sinkholes	Levee Failure	Severe Winter Weather	Thunderstorm/Lightning/Hail/ High Wind	Tornado	Wildfire	
Boone	х	Х	Х	Х	Х	Х	Х	Х	Х	X	X	
Ashland		Х	Х	Х	Х	Х		Х	Х	Х	X	
Centralia	х	х	х	х	х	х		х	х	х	X	
Columbia	х	х	х	х	х	х	х	х	х	х	X	
Hallsville		Х	Х	х	Х			х	х	Х	х	
Harrisburg		х	х	х	х			х	х	х	х	
Hartsburg		Х	х	х	х		х	х	х	х	х	
Huntsdale		Х	Х	Х	х		х	Х	Х	Х	Х	
Rocheport		Х	Х	Х	х	х		х	Х	Х	Х	
Sturgeon		Х	Х	Х	Х			Х	х	х	Х	
			Schoo	ols and S	Special D	istricts			-	-	-	
Columbia Public Schools		Х	Х	Х	Х			Х	Х	Х	Х	
Hallsville R-IV School District		Х	Х	Х	Х			Х	Х	Х	Х	
Southern Boone School District		Х	Х	Х	Х			Х	Х	Х	Х	
Sturgeon R-V School District		Х	Х	Х	Х			Х	Х	Х	Х	
Stephens College		Х	Х	Х	Х			Х	Х	Х	Х	
University of Missouri		Х	Х	Х	Х			Х	Х	Х	Х	

### Table 3.2: Natural Hazard Summary

### **Multi-Jurisdictional Risk Assessment**

The 2020 Boone County Hazard Mitigation plan is an update of an earlier plan. The hazard profiles that follow are assessed on a county-wide basis but each jurisdiction will have unique levels of impact based on population and geographical location. The City of Columbia is the urban center of the planning area, with dense development and infrastructure that brings vulnerability state-wide if a hazard were to cause widespread destruction in the city.

#### Assets At Risk

There are four main types of facilities of concern in a hazard event. Critical Facility, essential facility, high potential loss facility, and transportation and lifeline facilities. These facilities are defined by FEMA as "... all manmade structures or other improvements that, because of their function, size, service area, or uniqueness, have the potential to cause serious bodily harm, extensive property damage, or disruption of vital socioeconomic activities if they are destroyed, damaged, or if their functionality is impaired."

Critical facilities commonly include all public and private facilities that a community considers essential for the delivery of vital services and for the protection of the community. The adverse effects of damaged critical facilities can extend far beyond direct physical damage. Disruption of health care, fire, and police services can impair search and rescue, emergency medical care, and even access to damaged areas.

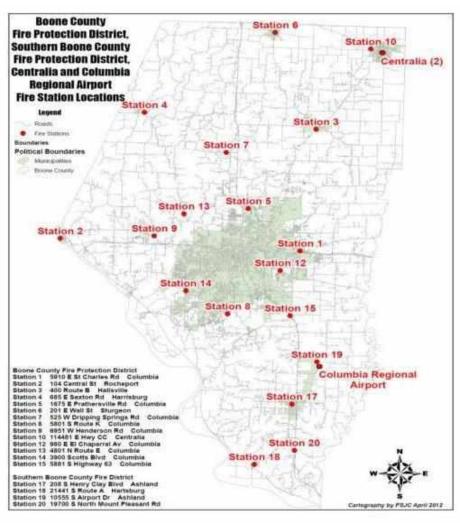
### Government

The jurisdictions of Boone County, Ashland, Centralia, Columbia, Hallsville, Harrisburg, Hartsburg, Rocheport and Sturgeon all own buildings critical to the functioning of their jurisdictions. The City of Columbia is the county seat; both city and county buildings, which serves the entire county, are located there.

### **FIRE PROTECTION**

There are two fire districts serving Boone County: the Boone County Fire Protection District and the Southern Boone County Fire Protection District (Figure 3.2).





The Boone County **Fire Protection** District. the third largest fire department in Missouri, is governed by a fivemember board of directors elected by the public. Full service is provided for six communities and 532 square miles of unincorporated areas in the county. Boone **County Fire District** provides service to certain portions of the City of Columbia (recently annexed areas), per preexisting territorial agreements. The District provides fire, rescue and medical services and has a Hazardous Materials Division, a State Homeland Security Regional

Response Team, a FEMA Urban Search and Rescue Team, a Type II wildfire team, and a dive rescue unit.

**The Southern Boone County Fire Protection District** is governed by a three-member elected body and serves the southern one-third of the county. It has a limited hazardous materials response capability. The district protects an area of 100 square miles and a population of approximately 10,000 from four stations located in southern Boone County.

**The Columbia Regional Airport Public Safety Department** responds to incidents on airport property with assistance provided, as needed, by the Columbia Fire Department, the Southern Boone County Fire Department, and the Boone County Fire Protection District.

The Cities of Centralia and Columbia both support their own fire departments. The Centralia Fire Department provides service within the corporate limits but has limited response capability to hazardous material incidents and emergency medical calls.

The Columbia Fire Department is a full career fire department operating out of eight stations (Figure 3.3) with approximately 126 firefighters. It supports a hazardous materials team with response equipment tailored to the scene of an emergency incident.

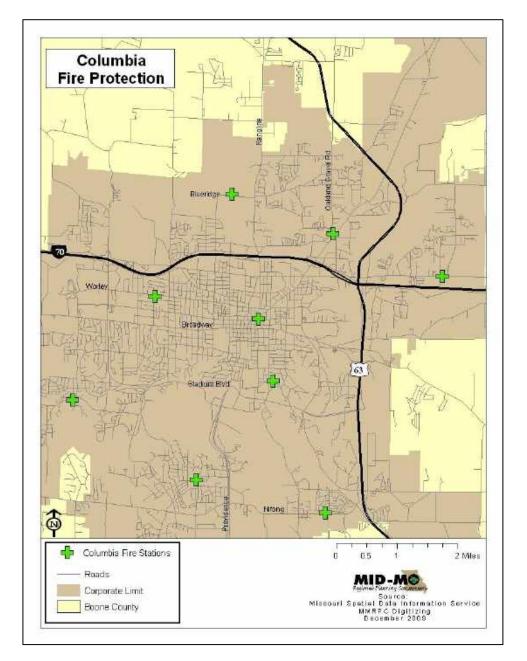


Figure 3.2

### **Public Water Supply Districts**

Four Water Districts are responsible for distributing water throughout the County except in locations served by a municipality (Figure 3.4). Each water district is governed by an elected board.

The Cities of Ashland, Columbia, Centralia, Hallsville, Harrisburg, and Sturgeon all have their own water departments/districts.

Protecting water supply infrastructure from floodwaters is a critically important mitigation task. Connection of water supplies and/or cooperative agreements between districts and departments can be important for ensuring adequate water for fire fighting and in times of drought. The City of Columbia has cooperative water agreements with PWSD #9 and the University of Missouri.

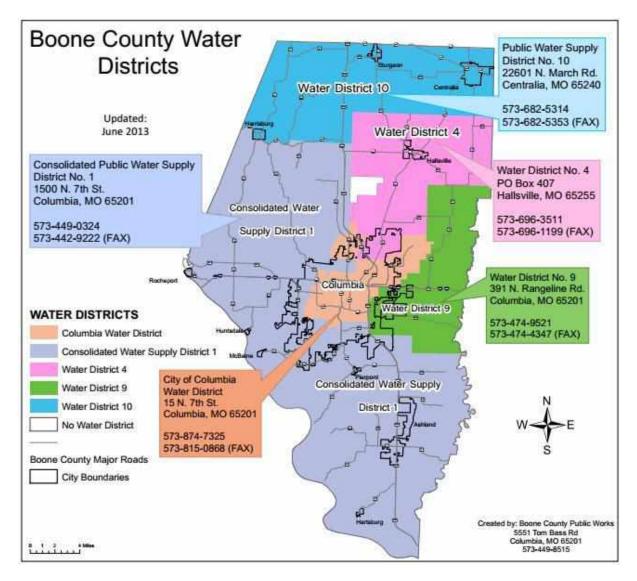


Figure 3.3

### Wastewater Facilities

### **Boone County Regional Sewer District (BCRSD)**

The Sewer District consists of a four-member board and a County Commissioner who are responsible for wastewater quality within Boone County, except for those facilities operated by a municipality or private entity. The BCRSD now owns and operates the wastewater treatment facility for the Village of Rocheport; this was previously owned by the village.

The majority of the BCRSD system is gravity sewers. The Sewer District operates and maintains the following treatment/reclamation facilities:

- 14 mechanical plants
- 19 aerated lagoons
- 5 non-aerated lagoons
- 3 re-circulating sand filters
- 1 drip irrigation system

The BCRSD works with the City of Columbia which provides wholesale treatment for some of the subdivisions in the Sewer District's territory.

#### **Municipal Wastewater Systems**

The following municipalities all provide their own wastewater treatment: Ashland, Centralia, Columbia, Hallsville, Hartsburg, Harrisburg, and Sturgeon.

### MEDICAL FACILITIES

There are numerous medical and healthcare facilities located in the planning area. Medical facilities in the City of Columbia serve not only the planning area and region but also patients from all over Missouri; the University Hospital is a Level 1 Trauma Center.

The nursing homes and some of the medical facilities house vulnerable populations. The *Boone County Emergency Operations Plan* clearly outlines procedures to ensure that these facilities are warned of impending hazard events in a timely manner.

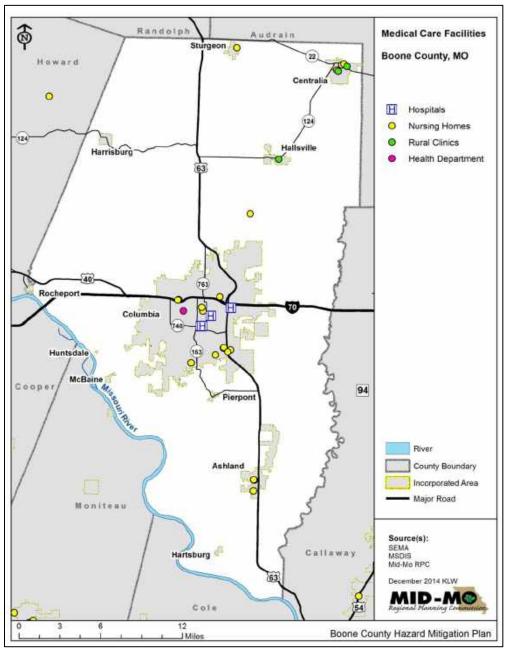


Figure 3.4

Table 3.3 Critical Medical Facilities		
Type of Facility	Location	Beds
Level 1 Trauma Center		
University Hospital	Columbia	
Hospitals		
Boone Hospital Center	Columbia	397
Harry S. Truman Memorial Veterans Hospital	Columbia	na
Landmark Hospital of Columbia, LLC	Columbia	42
Rusk Rehabilitation Center (joint venture: HealthSouth & University of MO)	Columbia	60
University of Missouri Hospitals	Columbia	
University Hospital	Columbia	247
Missouri Psychiatric Center	Columbia	57
Women's and Children's Hospital	Columbia	na
Clinics and Health Centers	<u>.</u>	
Centralia Medical Clinic	Centralia	
Centralia Family Health Clinic	Centralia	
Family Health Center	Columbia	
J.W. "Blind" Boone Community Center	Columbia	
University of Missouri Clinics	Columbia	
Nursing Home Facilities		
Ashland Healthcare	Ashland	60
Ashland Villa-Assisted Living	Ashland	72
Bluegrass Terrace	Ashland	16
Bristol Manor of Centralia	Centralia	12
Heritage Hall Nursing Center	Centralia	60
Stuart House, The	Centralia	27
Bluff Creek Terrace-Assisted Living	Columbia	48
Bluffs, The	Columbia	132
Candlelight Lodge Retirement Center	Columbia	112
Columbia Healthcare Center	Columbia	97
Columbia Manor Care Center	Columbia	52
Daybreak Residential Treatment Center	Columbia	14
Harambee House	Columbia	15
Hillcrest Residential Care	Columbia	33
Lenoir Gardens	Columbia	30
Lenoir Health Care Center	Columbia	122
Lenoir Manor	Columbia	60
Parkside Manor	Columbia	120
South Hampton Place	Columbia	100
Tiger Place	Columbia	112
Sturgeon Rest Home	Sturgeon	20

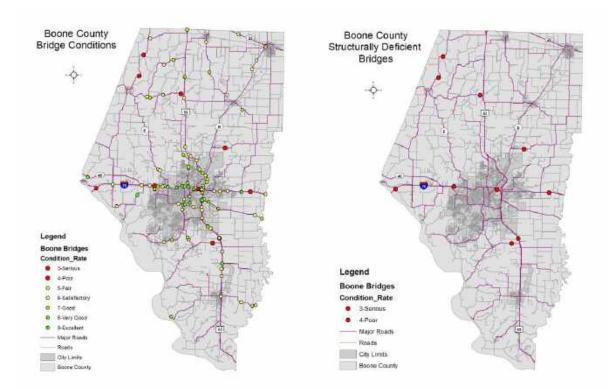
### **Office of Emergency Management**

The Boone County Office of Emergency Management (OEM) is in charge of emergency management for the County and all its jurisdictions, with the exception of the Villages of McBaine and Pierpont (which are not participating jurisdictions in the Boone County Hazard Mitigation Plan).

Personnel of the OEM play a critical role in hazard mitigation due to their strong network of connections, awareness of hazard threats, wide-ranging experience of all facets of emergency management, and work with public education.

### Transportation

Boone County is crossed by two major highway systems and has a regional airport. Easy accessibility to and from the population center of Columbia, and the proximity of the State Capital at Jefferson City in adjacent Cole County, results in a sizeable commuting population within, and to and from, the planning area.



# Figure 3.5 Boone County Bridge Conditions

# Bridges

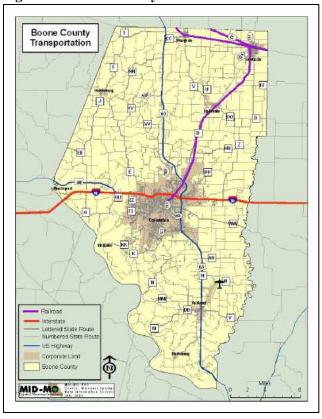
Bridge conditions are described using a "scour index". This index rates bridges on their vulnerability to scour during a flood and is based on a scale of 0 to 9. Zero are failed bridges. Bridge with a scour index of 9 are new bridges. An index rating of 1 to 3 are in critical condition.

A rating of 4 is poor. Anything 5 and higher are fair to excellent. The only poor condition bridges that are located within a city jurisdiction are within the city limits of Columbia. In 2019 legislation passed the Governor's Focus on Bridges program. Through this program 3 critical or poor condition bridges in Boone county are slated to be replaced between 2020-2023.

## Roadways

Interstate 70 crosses the county from east to west. This system connects the metropolitan areas of St. Louis and Kansas City and is a major route of transport across the United States.

U.S. Highway 63, which runs north-south, intersects I-70 in Columbia. Highway 63 is also a major route for transporting goods and provides commuters access to work in both Columbia and **Figure 3.6 Boone County Roads** Jefferson City to the south (Cole County). US



Jefferson City to the south (Cole County). US Highway 63 also provides access to the Columbia Regional Airport.

# Airports

Boone County has one airport, the Columbia Regional Airport, located east of Highway 63 between Ashland and Columbia. The Columbia Regional Airport is owned and operated by the City of Columbia. An airport advisory board composed of thirteen members (seven appointed by the Columbia City Council) exists to make a continuous study of airport needs and of aviation in the area. The advisory board makes recommendations to the Council for the development and use of the airport. The governing bodies of Boone County, Jefferson City, Fulton and Ashland may also appoint one member to the Board. Airport operations are administered by the Airport Manager.

Regionally, there are airports located in Boonville (Cooper County), Fulton

(Callaway County), and Jefferson City. Jefferson City Memorial Airport is located in Callaway County, across the Missouri River from the main part of Jefferson City (Cole County).

# Railroads

There is no passenger rail service in the planning area; however, Amtrak passes through adjacent Cole and Moniteau Counties with a station located in Jefferson City.

The City of Columbia owns the Columbia Terminal Railroad (COLT), a freight railway between Columbia and the City of Centralia; the COLT passes through the City of Hallsville. The Department of Water & Light is in charge of operations.

The Norfolk Southern and Kansas City Southern pass through the northeastern part of Boone County and the City of Centralia (Figure 2.20).

### **Public Transportation**

OATS, Inc., a private not-for-profit corporation, provides transportation on scheduled days within Boone County and the city of Columbia; it also provides connections to neighboring counties. OATS predominantly serves the elderly and disabled, but will serve anyone needing transportation. OATS operates in 87 counties in Missouri.

The City of Columbia operates Columbia Transit, a bus system which serves the city and the University of Missouri campus. Routing on the system was majorly overhauled in 2014 to better meet the needs of the community.

### **Total Exposure of Population and Structures**

### **Unincorporated County and Incorporated Cities**

The following tables provide population data based on the 2018 American Community Survey estimates which are calculated over a 5-year period. Building counts and building exposure values are based on data developed by the State of Missouri Geographic Information Systems (GIS) database. Contents exposure values were calculated by factoring a multiplier to the building exposure values based on usage type. The multipliers were derived from the Hazus and are defined below. Land values have been excluded from consideration due to the fact that land remains following disasters and any market devaluations are often short term and difficult to quantify. State and Federal assistance programs do not generally address loss of land outside that of crop insurance. The total valuation of buildings is based on county assessor's data which may not be current and government-owned properties are usually taxed differently or not at all. This may cause some inaccuracies in the representation of true value. Public school district assets and special districts are included in the total exposure tables assets by community or county.

The following tables provide a look at population, building and content exposure by jurisdiction, as well as a look at exposure by usage type and building counts per each jurisdiction. The exposure and building information for each school district is also included

Jurisdiction	2018 Annual Population Estimate	Building Count	Building Exposure (\$)	Content Exposure (\$)	Total Exposure (\$)
Boone	45,155	18045	4603273	2663329	7266602
Unincorporated					
Ashland	3,893	1575	444767	261732	706499
Centralia	4,192	1765	523378	339639	863017
Columbia	118,620	36199	13112885	8816797	21929682
Hallsville	1,554	622	138379	79282	217661
Harrisburg	281	136	36868	24908	61776
Hartsburg	95	70	23554	15104	38658
Huntsdale	33	15	3574	1787	5361
Rocheport	247	145	35050	20929	55979
Sturgeon	833	400	81300	54427	135727

### Table: 3.4 Maximum Population and Building Exposure by Jurisdiction

Grand Total		174903	58972		19003028	12277934		31280962	
~ ~ ~ ~ ~	2.1	a .	 	-	. ~		*		

Source: U.S. Bureau of the Census, Annual population estimates/ 5-Year American Community Survey 2017; Building Count and Building Exposure, Missouri GIS Database from SEMA Mitigation Management; Contents Exposure derived by applying multiplier to Building Exposure based on Hazus MH 2.1 standard contents multipliers per usage type as follows: Residential (50%), Commercial (100%), Industrial (150%), Agricultural (100%). For purposes of these calculations, government, school, and utility were calculated at the commercial contents rate.

# Table: 3.5 Building Values/Exposure by Usage Type

Jurisdiction	Residential	Commercial	Industrial	Agriculture	Total
Boone Unincorporated	5911750	828499	234874	109142	7266602
Ashland	563448	80613	23784	1978	706499
Centralia	573973	118189	37477	5970	863017
Columbia	14387341	5071712	685403	65130	21929682
Hallsville	179300	17834	4503	908	217661
Harrisburg	35902	9500	166	1266	61776
Hartsburg	25348	3946	758	54	38658
Huntsdale	5361	0	0	0	5361
Rocheport	43696	8563	1824	0	55979
Sturgeon	82131	14529	2249	0	135727
Grant Total	21808250	6153385	991038	184448	31339934

Source: Missouri GIS Database, SEMA Mitigation Management Section

# Table: 3.6 Building Counts by Usage Type

Jurisdiction	Residential	Commercial	Industrial	Agriculture	Total
Boone Unincorporated	16756	731	271	174	18045
Ashland	1466	69	16	3	1575
Centralia	1589	108	29	9	1765
Columbia	32954	2273	426	82	36199
Hallsville	573	28	9	2	622
Harrisburg	118	9	0	3	136
Hartsburg	60	4	1	0	70
Huntsdale	15	0	0	0	15
Rocheport	126	12	5	0	145
Sturgeon	367	21	4	0	400
Grant Total	54024	3255	761	273	58972

Source: Missouri GIS Database, SEMA Mitigation Management Section

While schools' total assets are included in the tables above, additional information gathered through the data questionnaires and school websites allow for further discussion. The table below shows enrollment and building information, including counts and replacement cost (exposure).

# **Table: 3.7 School District Building and Enrollment Summary**

Public School District	Enrollment	Building Count	Building Exposure (\$)	Content Exposure (\$)	Total Exposure (\$)
Centralia R-VI	1,372	17	N/A	N/A	43,395,372
Columbia Public	18,555	38	N/A	N/A	N/A
Hallsville R-IV	1,426	5	N/A	N/A	N/A
Harrisburg R-VIII	614	15	N/A	N/A	22,129,873
Southern Boone R-I	1,742	5	N/A	N/A	51,000,000
Sturgeon R-V	433	3	N/A	N/A	15,895,192

Source: Missouri GIS Database, SEMA Mitigation Management Section. <u>http://mcds.dese.mo.gov/quickfacts/Pages/District-and-School-Information.aspx</u>

### Table 3.8: Jurisdictional Assets Summary

Jurisdiction	Airport Facility	Bus Facility	Childcare Facility	Communications Tower	Electric Power Facility	Emergency Operations	Fire Service	Government	Housing	Shelters	Highway Bridge	Hospital/Health Care	Military	Natural Gas Facility	Nursing Homes	Police Station	Potable Water Facility	Rail	Sanitary Pump Stations	School Facilities	Stormwater Pump Stations	Tier II Chemical Facility	Wastewater Facility	TOTAL
Unincorporated Boone	0	0	0		0	1	20	3	16756	0		1	0	0	0	1	4	0		0		0	14	С
Ashland	0	0	5		0	0	0	2	1466	4		1	0	0	3	1	1	0	2	5		0	1	
Centralia	0	0	1		0	0	1	2	1589	7		2	0	0	3	1	1	3		17		0	1	
Columbia	1	1	71		1	1	9	2	32954	22		12	1	0	14	1	1	1		38		1	1	
Hallsville	0	0	3		0	0	1	3	667	3		1	0	0	0	1	1	1		5		0	1	
Harrisburg	0	0	1		0	0	0	1	118	0		0	0	0	0	0	1	0		15		0	0	
Hartsburg	0	0	0		0	0	0	1	60	2		0	0	0	0	0	0	0		0		0	1	
Huntsdale	0	0	0		0	0	0	0	15	0		0	0	0	0	0	0	0		0		0	0	
Rocheport	0	0	0		0	0	0	1	126	0		0	0	0	0	0	0	0		0		0	0	
Sturgeon	0	0	1		0	0	0	2	367	2		0	0	0	1	1	1	1		3		0	1	
Totals	1	1	82		1	2	30	16	54024	45		16	1	0	21	6	10	6		83		1	20	

Source: Data Questionnaire

### **Other Assets**

### **Public Land**

Boone County has several state-owned land areas and one National Forest (see Figure 3.17). These public lands are important to consider when working on mitigation efforts, especially when they contain hazards such as sinkholes and high fuel loads that could cause wildfires.

The Katy Trail is the longest developed rail-trail in the country and portions of it runs through Boone County and some of its jurisdictions. Many sections of the Katy Trail were damaged and closed in 2019 due to flooding. Sections of the trail are still being worked on to remove flooding debris and repair the trail bed. Caution should be taken for rough surfaces and trail work.

•											
	Public Land in Boone County										
Responsible Agency	Acres										
Missouri Department of Natural Resources	2272										
United States Forest Service	~19000										
Missouri Department of Conservation	1506										
Missouri Department of Conservation	3706										
Missouri Department of Conservation	80										
Missouri Department of Conservation	328										
Missouri Department of Conservation	2234										
Missouri Department of Natural Resources	1128										
Missouri Department of Conservation	35										
Missouri Department of Conservation	658										
Missouri Department of Conservation	79										
Missouri Department of Conservation	102										
Missouri Department of Conservation	300										
Missouri Department of Natural Resources	~30 miles										
	United States Forest Service Missouri Department of Conservation Missouri Department of Natural Resources Missouri Department of Conservation Missouri Department of Conservation										

# **Boone County Properties on the National Register of Historic Places**

Boone county has several properties listed on the National Register of Historic Places and multiple jurisdictions have ordinances that address historic places. This registry is an official list of registered cultural resources that are worth preserving. The National Historic Preservation Act of 1966 authorized such a list as part of a national program. The program is administered by the National Parks Service and acts as a resource to coordinate public and private efforts to find, evaluate, and preserve historically and archeologically significant sites. Properties on the list include districts, buildings, structures, and sites that have significance through history, culture, architecture, archeology, and engineering. Table 3.10 is a list of historic sites located in Boone County.

# Table 3.10: Boone County Historic Sites

Property	Address	City	Date Listed
Ballenger Building	27-29 S. 9 <sup>th</sup> St	Columbia	1/21/04
Bond's Chapel	MO Route A	Hartsburg	9/9/93
John Boone "Blind" House	4 <sup>th</sup> St	Columbia	9.4/80
Central Dairy Building	1104-1106 E. Broadway	Columbia	1/20/05
Albert Chance House	319 E Sneed St.	Centralia	7/3/79
Chatol	543 S. Jefferson	Centralia	4/20/79
Coca-Cola Bottling Co. Building	10 Hitt St.	Columbia	2/14/06
Columbia Cemetery	30 E. Broadway	Columbia	2/1/07
Columbia Nat. Guard Armory	701 E. Ash St.	Columbia	3/25/93
Sanford Conley House	602 Sanford Pl.	Columbia	12/18/73
Fred Douglas School	310 N. Providence Rd	Columbia	9/4/80
Downtown Columbia Historic	7 <sup>th</sup> , 8 <sup>th</sup> , 9 <sup>th</sup> , 10 <sup>th</sup> , Broadway,	Columbia	11/8/06
District	etc.		, -,
East Campus Neighborhood	College, University, High St.	Columbia	2/16/96
8 <sup>th</sup> Broadway	800-810 E. Broadway	Columbia	4/22/03
Samuel Elkins House	315 N. 10 <sup>th</sup> St.	Columbia	9/12/96
First Christian Church	101 N. 10 <sup>th</sup> St.	Columbia	10/29/91
Francis Quadrangle District	Red Campus	Columbia	12/18/73
Frederick Apartments	1001 University Ave.	Columbia	4/16/13
David Gordon/Collins Cabin	2100 E. Broadway	Columbia	8/29/83
Greenwood	3005 Mexico Gravel Rd.	Columbia	1/15/79
David Guitar House	2815 Oakland Gravel Rd.	Columbia	9/9/93
Samuel Hackman Building	30 S. St.	Hartsburg	12/10/98
Hamilton-Brown Shoe factory	1123 Wilkes Blvd	Columbia	7/19/02
Harrisburg School	140 S. Harris St.	Harrisburg	12/24/13
William Hunt House	8939 W. Terrapin Hills Rd.	Columbia	1/9/97
Kress Building	1025 E. Broadway	Columbia	3/9/05
Maplewood	Nifong Blvd/Ponderosa Dr	Columbia	4/13/79
McClain Furniture Store	916 E. Walnut	Columbia	8/17/05
MO, KS, TX Railroad Depot	402 E. Broadway	Columbia	1/29/79
MO Teachers Association	407 S. 6 <sup>th</sup> St.	Columbia	9/4/80
Missouri Theater	201-215 S. 9 <sup>th</sup> St.	Columbia	6/6/79
MO United Methodist Church	204 S. 9 <sup>th</sup> St.	Columbia	9/4/80
Mount Zion Church/Cemetery	11070 Mount Zion Rd.	Hallsville	1/14/13
N. 9 <sup>th</sup> Street Historic District	5-36 N. 9 <sup>th</sup> St.	Columbia	1/21/04
Moses Payne House	201 N. Roby Farm Rd.	Rocheport	10/7/94
Pierce Pennant Motor Hotel	1406 Old Hwy 40	Columbia	9/2/82
Rocheport Historic District	MO 240	Rocheport	10/8/76
St. Paul's AME Church	501 Park St.	Columbia	9/4/80
Sanborn Field & Soil Erosion Plots	University of Missouri	Columbia	10/15/66
	Campus		
Second Baptist Church	407 E. Broadway	Columbia	9/4/80
Second Christian Church	401 N. 5 <sup>th</sup> St.	Columbia	9/4/80
Senior Hall	Stephens College Campus	Columbia	8/2/77
Sigma Alpha Epsilon Building	24 E. Stewart Rd.	Columbia	10/20/14
Stephens college, South Campus	1200 E. Broadway	Columbia	11/25/05
John Taylor House	716 W. Broadway	Columbia	5/25/01
Tiger Hotel	23 S. 8 <sup>th</sup> St.	Columbia	2/29/80

Virginia Building	111 S. 9 <sup>th</sup> St.	Columbia	3/13/02
Wabash Railroad Station/Freight	126 N. 10 <sup>th</sup> St.	Columbia	10/11/79
House			
West Broadway Historic District	300-922 W. Broadway	Columbia	4/27/10
Wright Brothers Mule Barn	1101-1107 Hinkson/501-507	Columbia	11/1/07
	Fay		

Source: Missouri Department of Natural Resources – MO National Register Listings by County. <u>https://dnr.mo.gov/shpo/boone.htm</u>

The major, non-retail employers with more than 200 personnel employed are shown in Table	
3.11	

Table 3.11				
Major Employers in Boone County				
Employer	Employees	Employer	Employees	
University of Missouri	5000 & up	State of Missouri (excludes MU)	500-749	
University Hospitals & Clinics	2500-4999	ABC Laboratories, Inc.	250-499	
Columbia Public Schools	1500-2499	U.S. Postal Service	250-499	
Veterans United Home Loans	1500-2499	Missouri Employers Mutual Insurance	250-499	
City of Columbia	1000-1499	Columbia Insurance Group	250-499	
Harry S. Truman VA Hospital	1000-1499	3M	250-499	
Shelter Insurance Companies	1000-1499	Boone County Government	250-499	
Joe Machens Dealerships	750-999	Midway USA	250-499	
MBS Textbook Exchange	750-999	Central Bank of Boone County	250-499	
State Farm Insurance Companies	500-749	Woodhaven	250-499	
Columbia College	500-749	MFA, Inc.	200-249	
Hubbell Power Systems	500-749	Pepsico/Quaker Oats	200-249	
IBM	750-999	Schneider Electric: Square D	200-249	
Kraft Foods	500-749			

While agriculture plays a large roll in Boone County's land use, the 222 farms listed in Boone County according to the 2017 USDA Ag Census only employ around 651 workers. The majority of the farms only have a couple workers each. The number of workers is down compared to the 2012 Ag Census when 669 workers were listed in Boone County.

### Land Use and Development

Boone county and its jurisdictions have shown growth since the last census, with the most growth estimated to be in and around the City of Columbia. Amenities such as high-speed internet, municipal water and sewer, and job opportunities can drive such growth.

Jurisdiction	2010 Total Population	2018 Total Population Estimate	# Change (2010-2018)	% Change (2010-2018)
Unincorporated	43,377	45,467	2,090	4.7%
Ashland	3,707	3,947	240	6.2%
Centralia	4,027	4,244	217	5.2%
Columbia	108,500	123,180	14,680	12.6%
Hallsville	1,491	1,564	73	4.7%
Harrisburg	266	281	15	5.4%
Hartsburg	108	108	0	0%
Huntsdale	31	33	2	6.2%
Rocheport	239	251	12	4.8%
Sturgeon	872	930	58	6.4%
Total	162,699	180,005	17,306	10%

Table 3.12 County population Growth 2010-2018

Source: U.S. Bureau of the Census, Decennial Census, annual population estimates/ 5-Year American Community Survey 2018; \*population includes the portions of these cities in adjacent counties

Growth translates into a need for more housing, and the expansion of local emergency capabilities to keep up with demand and added fuel to the system. While American Community Survey estimates a growth in population mostly across the board for Boone County and its jurisdictions it also estimates a decline for some jurisdictions in housing units. This could be due to more families choosing to live with multiple generations in a home or some homes being designated as businesses as the trend toward home businesses is on the rise.

Jurisdiction	Housing Units 2010	Housing Units 2018	2010-2018 # Change	2000-2018 % Change
Unincorporated	17,956	19,031	1,075	5.9
Ashland	1,536	1,528	-8	-0.5
Centralia	1,723	1,955	232	13.4
Columbia	45,971	52,257	6,286	13.6
Hallsville	707	664	-43	-6
Harrisburg	130	138	8	23.7
Hartsburg	59	73	14	23.7
Huntsdale	13	6	-7	-53.8
Rocheport	83	153	70	84.3
Sturgeon	418	380	-38	-9
Total	68,596	76,185	7,589	11

 Table 3.13 Change in Housing Units, 2010-2018

Source: U.S. Bureau of the Census, Decennial Census, American Community Survey 5-year Estimates; Population Statistics are for entire incorporated areas as reported by the U.S. Census Bureau

### **Future Land Use and Development**

Population growth is expected to continue in Boone County and its jurisdictions. Due to the transportation network that passes through Boone County it continues to be a major shipping corridor which is a draw for companies looking for a place to hub distribution centers which can employ several people. As has already been seen more and more farm land is being developed into housing and businesses throughout the county. With growth comes the need to expand protections such as fire services, storm warning devices, and runoff handling practices.

### **School District's Future Development**

Columbia Public Schools and Southern Boone School District have experienced steady growth that has forced the need to build additional school buildings to help mitigate overcrowding in classrooms. As new buildings are built and old ones are remodeled it's a trend across all districts to employ hardening methods to construction to add resiliency against major storms and potential intruders.

# Hazard Profiles, Vulnerability, and Problem Statements

A Risk Assessment has been conducted for each hazard identified as affecting the planning area. The remainder of this section includes these risk assessments which are discussed in alphabetical order and organized according to the following outline:

### **DESCRIPTION OF HAZARD**

Requirement §201.6(c)(2)(i): [The risk assessment shall include a] description of the...location and extent of all natural hazards that can affect the jurisdiction. The plan shall include information on previous occurrences of hazard events and on the probability of future hazard events.

### Location

**Extent** - The extent of the hazard refers to the strength or magnitude of that hazard which can be expected in the planning area; extent is an attribute of the hazard alone and does not include its effect on humans or the built environment.

### **Previous Occurrences**

**Probability of Future Events** (Natural Hazards) - The probability of future events is, for the most part, based on historical data while also taking into account the expected impact of climate change. It is assigned based on the following scale which was slightly modified from that found in the *Missouri State Hazard Mitigation Plan* (2018):

- Low The hazard has little or no chance of happening (less than 1 percent chance of occurrence in any given year)
- Moderate The hazard has a reasonable probability of occurring (between 1 and 10 percent chance of occurrence in any given year).
- High The probability is considered sufficiently high to assume that the event will occur (between 10 and 100 percent chance of occurrence in any given year).

In the case of earthquakes, projections made by the USGS have also been taken into account in assessing the probability.

**Probability of Future Events** (Technological/Human-made Hazards) – There is a lack of historical data for most of the technological/human-made hazards profiled; in addition, some of them are evolving on a monthly basis as political and cultural events play a large role in some of the hazards.

For at least one technological/human-made hazard for which historical is available (hazardous materials release), the probability calculated using the same scale as used for natural hazards was considered ridiculous by those working closely with this hazard. (The calculated probability would have been high.) Representatives of the LEPC indicated that seeing a "high" probability associated with this hazard would make them question the validity of the entire hazard mitigation plan.

So, for these reasons, the probability of technological/human-made hazards was evaluated and assessed by those working most closely with these hazards in some emergency management or preparedness capacity.

**IDENTIFICATION OF COMMUNITY ASSETS** potentially affected by or helping to mitigate the effects of the hazard in each participating jurisdiction; this is covered in Section 2 of the plan.

**ANALYSIS OF RISK** presented by the hazard, including a **measure of severity** for each participating jurisdiction. The **measure of severity** is an estimate of the deaths, injuries, or damage (property or environmental) that could result from the hazard. It is also broadly based on the scale found in the Missouri State Hazard Mitigation Plan (2018):

Low – Few or minor damage or injuries are likely.

Moderate – Personal injuries and/or damage to property or the environment are expected.

High – Major injuries and/or death and/or major damage will likely occur.

# VULNERABILITY ASSESSMENTS

Requirement \$201.6(c)(2)(ii) :[The risk assessment shall include a] description of the jurisdiction's vulnerability to the hazards described in paragraph (c)(2)(i) of this section. This description shall include an overall summary of each hazard and its impact on the community.

Requirement §201.6(c)(2)(ii)(A) :The plan should describe vulnerability in terms of the types and numbers of existing and future buildings, infrastructure, and critical facilities located in the identified hazard areas.

Requirement §201.6(c)(2)(ii)(B) :[The plan should describe vulnerability in terms of an] estimate of the potential dollar losses to vulnerable structures identified in paragraph (c)(2)(i)(A) of this section and a description of the methodology used to prepare the estimate.

Requirement §201.6(c)(2)(ii)(C): [The plan should describe vulnerability in terms of] providing a general description of land uses and development trends within the community so that mitigation options can be considered in future land use decisions.

A jurisdiction's vulnerability to a hazard is connected to the extent of that hazard, the probability of future events, the estimated measure of severity, and mitigation measures already in place for that hazard.

In many cases, the potential severity of the hazard event contributes the greatest weight to the vulnerability rating. In some cases, however, a low severity event with high frequency can cause economic strain which translates into a higher vulnerability.

**Existing Mitigation/Operating Assumptions:** Both the measure of severity and overall vulnerability are greatly impacted by the mitigation already in place in the planning area; this existing mitigation is taken as an operating assumption when evaluating the vulnerability to a particular hazard. The following mitigation activities are applicable to many or all hazards:

- Building codes are in place in Boone County and the following incorporated communities: Ashland, Centralia, Columbia, Hallsville, Harrisburg, Hartsburg, Pierpont, Rocheport, and Sturgeon.
- Resources for the public on retrofitting and protecting buildings are available through the Office of Emergency Management.

- Critical infrastructure in the county is accessible and provided with backup power.
- Cooperative agreements are in place between utility providers in the county.
- Agreements are in place with local shelters in the county.
- General evacuation procedures are included in the Office of Emergency Management's (OEM) Emergency Operation Plan.
- Evacuation routes are in place in all school districts in the county.
- Buses in all school districts have two-way radios on board.
- A public education hazard awareness program is in place through the OEM.
- Hazard information is provided to customers of local hotels through an agreement between the OEM and the Missouri Hotel & Lodging Association.

Other current mitigation activities are aimed at mitigating the effects of a specific hazard and are described under the specific hazard profile.

# FLOODING (RIVERINE AND FLASH)

### **DESCRIPTION OF HAZARD**

Boone County and its jurisdictions are at great risk for flooding because the southern border of the County is situated on the bank of the Missouri River, the longest river in the United States. The Missouri River drains approximately one-sixth of the area of the continental United States, according to the USGS. It drains over half the state of Missouri as it flows eastward to join the Mississippi River at St. Louis. Since Boone County is located less than 200 miles upstream from the mouth of this 2,540 mile river, it is obvious that flooding is a potential concern for the county. There are also numerous creeks throughout the county with year-round water flows draining into the Missouri River.

The areas adjacent to rivers and stream banks that serve to carry excess floodwater during rapid runoff are called floodplains. A floodplain is defined as the lowland and relatively flat areas adjoining rivers and streams. The term base flood, or 100-year flood, is the area in the floodplain that is subject to a one percent or greater chance of flooding in any given year, based upon historical records.

In addition to the threat of **riverine flooding**, when a river or creek overflows its normal boundaries, the planning area is also susceptible to **flash flooding**. NOAA defines a flash flood as "an event that occurs within 6 hours following the end of the causative event (such as rains, ice jams, or dam breaks)...." Flash floods develop quickly and are responsible for more flood related deaths than any other type of flooding. The textual descriptions for flash flooding events in the NOAA database indicate that flash flooding in the planning area is usually triggered by 2-5 inches of rainfall within a "short period".

In some cases, however, flooding may not be directly attributable to a river, stream or lake overflowing its banks. It may simply be the combination of excessive rainfall and/or snowmelt, saturated ground, and inadequate drainage. With no place else to go, water will find the lowest elevations, areas that are often not in a floodplain. This type of flooding, often referred to as **sheet flooding**, is becoming increasingly prevalent as development outstrips the ability of the drainage infrastructure to properly carry and disburse the water flow.

FEMA defines sheet flooding as "a type of flood hazard with flooding depths of 1 to 3 feet that occurs in areas of sloping land."

Local **storm water flooding** can result when tremendous flow of water occurs due to large rain events. Local flooding can create public safety issues due to flooded roadways and drainage structures.

Most flooding in Boone County occurs in late spring and summer but floods can occur in any season.

### Location

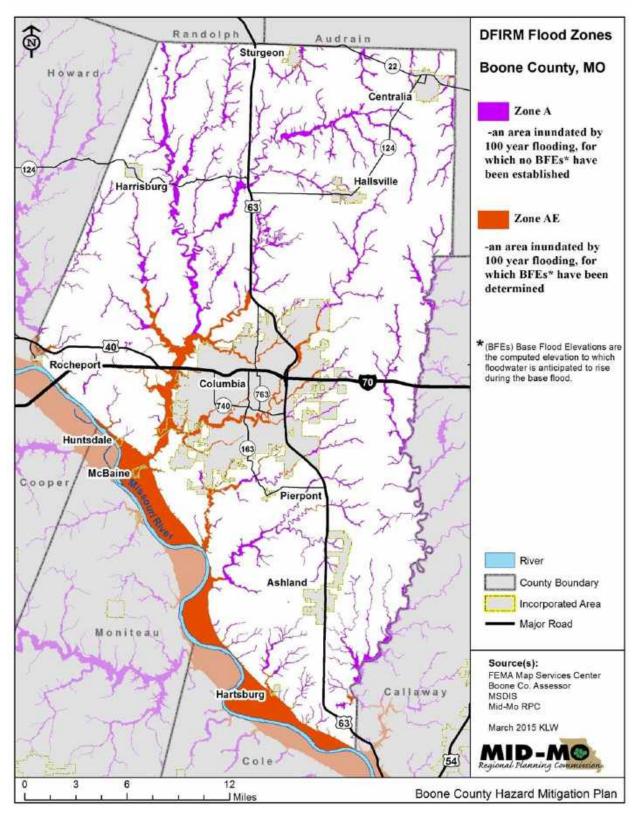
The entire planning area is at risk from some type of flooding.

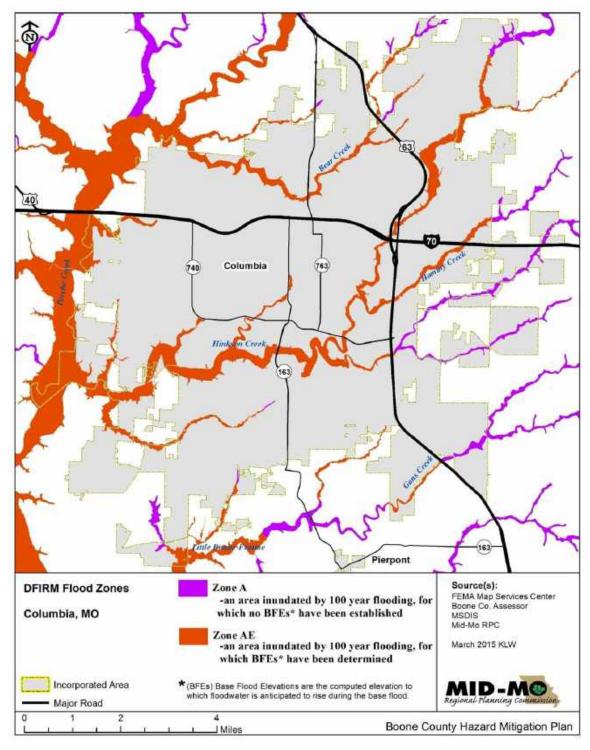
Hartsburg, Huntsdale, McBaine, Rocheport, and the unincorporated areas near the Missouri River are at higher risk of riverine flooding than the rest of the county. In addition, there are numerous creeks or branches throughout the planning area subject to small stream flooding. The City of Columbia can experience flooding from the backup of tributary branch of the Missouri River when river levels are high.

Varying levels of flood risk are designated by flood zones mapped on Flood Insurance Rate Maps (FIRMs).

The current FIRMs for Boone County have an effective date of 04/19/17. Overview maps showing the floodplains for the entire planning area (Figure 3.7) and for the City of Columbia (Figure 3.8) included in the following pages. For the smaller jurisdictions with significant flooding risk, the National Flood Hazard Layers from the online system are included (Figures 3.9-3.12).

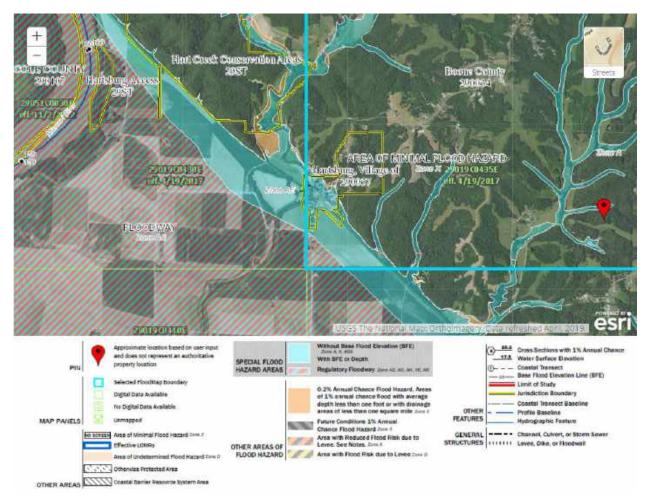




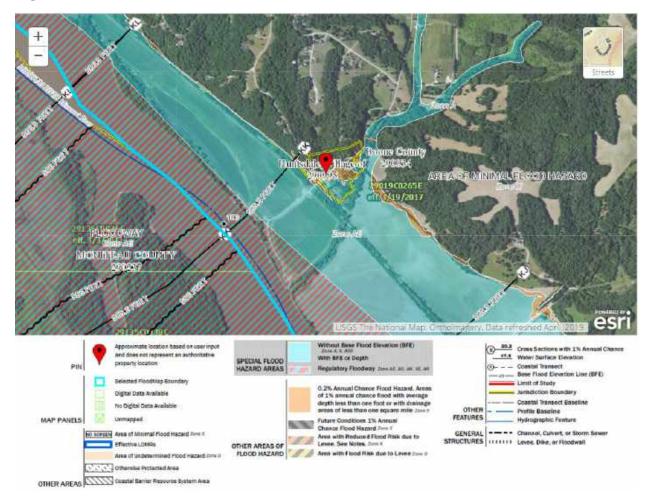


# Figure 3.8: Columbia Floodplain

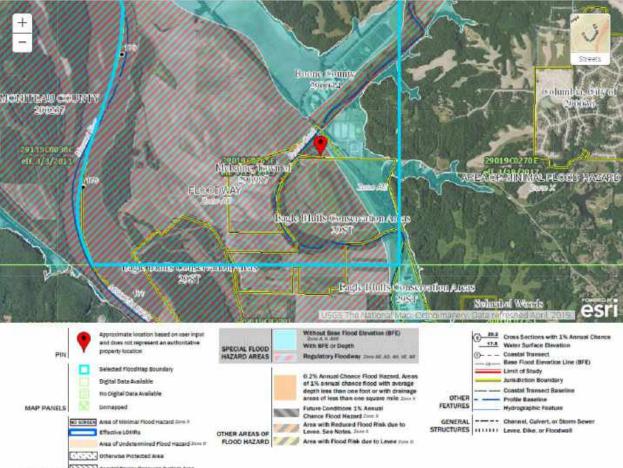
#### Figure 3.9: Hartsburg



## Figure 3.10: Huntsdale

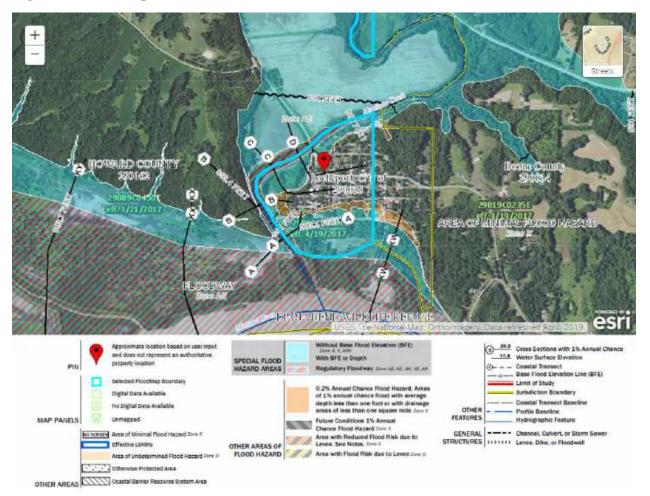


# Figure 3.11: McBane



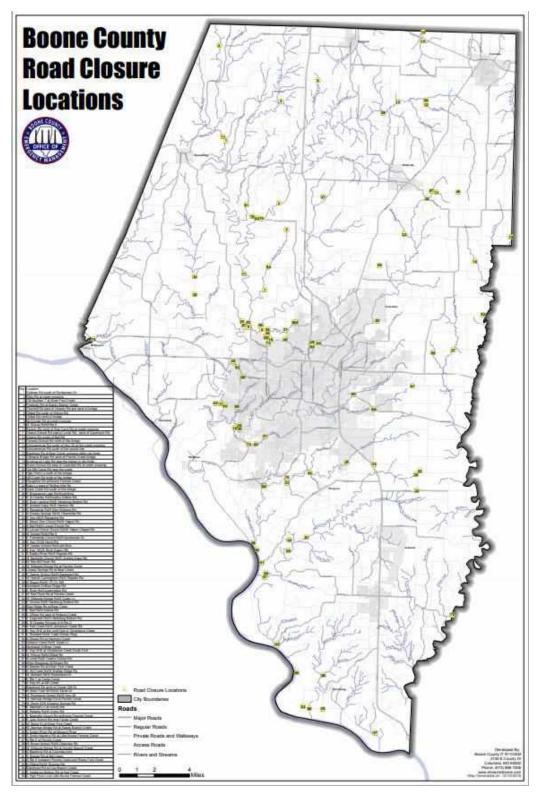
OTHER AREAS

# Figure 3.12: Rocheport



Road closures due to high water or flash flooding are common throughout the planning area. The map below indicates areas that are common to close due to flooding and flash floods.

Figure 3.13



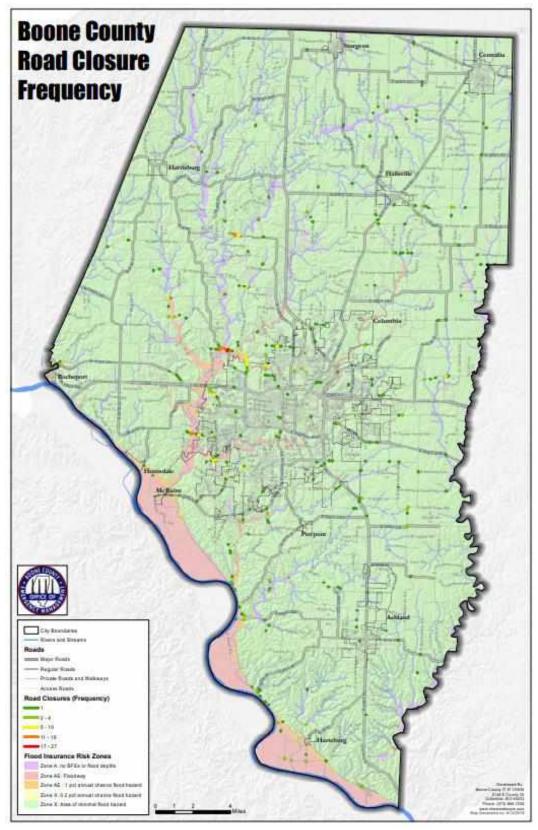
17	
Key	Location
1	Stidham Rd south of Richardson Dr
2	Riley Rd at creek crossing
3	Old Number 7 at Silver Fork Creek
4	Peabody Rd at Slacks Branch Creek
5	Thornhill Rd east of Hussey Rd and west of bridge
6	ONeal Rd south of Wilcox Rd
7	ONeal Rd north of bridge
8	McComas Rd at creek crossing
9	W Wilcox Rd/N Rte E
10	Reams Rd north of Rob cook Rd at creek crossing
11	Owens School Rd east of Level Rd, west of Davenport Rd
12	Adams Rd south of Ball Rd
13	Farwest School Rd north of the bridge
14	Schunemeyer Rd south of Hwy 22 at the creek crossing
15	Schunemeyer Rd south of the county line
16	Blackfoot Rd at Bear Creek crossing within city limits
17	Gillespie Bridge Rd west of Perche Creek bridge
18	Brushwood Lake Rd near the bridge in city limits
19	Brown School Rd east of Clearview Rd at creek crossing
20	Old Mill Creek Rd near the creek
21	High Point Ln north of the bridge
22	Hill Creek Rd north of the bridge
23	Rangeline Rd at Bonne Femme Creek
24	Bass Ln east of Rolling Hills Rd
25	Gans Creek Rd south of the bridge
26	S Brushwood Lake Rd/Scott Blvd
27	E St Charles Rd/Doziers Station Rd
28	S Bush Landing Rd/E Hartsburg Bottom Rd
29	S Andrew Sapp Rd/S Harmon Rd
30	S Rangeline Rd/S Ben Williams Rd
31	N Creasy Springs Rd/W Obermiller Rd
32	E Hwy AB/S Rangeline Rd
33	E Mount Zion Church Rd/N Hague Rd
34	N Bell Rd/N Locust Church Rd
35	N Locust Grove Church Rd/W Hatton Chapel Rd
36	W Driskel Rd/N Rte E
37	E Friendship church Rd/N Sportsman Dr
38	E Hwy OO/N Hecht Rd
39	W Vawter School Rd/Scott Blvd
40	S Hwy 163/S Rock Quarry Rd
41	S Easley River Rd/S Rippeto Rd
42	W Nashville Church Rd/S Andrew Sapp Rd
43	W Rte M/S River Rd

Table 3.14: Road Closure Locations

45         C           46         E           47         W           48         N           49         N           50         S           51         W           52         W           53         E           54         B           55         E	W Gillespie Bridge Rd at Perche Creek Creasy Springs Rd at Bear Creek E Owens School Rd/N Davenport Rd W Harold Cunningham Rd/S Rippeto Rd N Strawn Rd/W 170 Dr SW Northland Dr/Blue Ridge Rd S River Rd/Conservation Rd W Red Rock Rd at Perche Creek W Gillespie Bridge Rd/S Coats Ln E Grimes Rd/E Hartsburg Bottom Rd Blue Ridge Rd at Bear Creek
46       E         47       W         48       N         49       N         50       S         51       W         52       W         53       E         54       B         55       E	E Owens School Rd/N Davenport Rd W Harold Cunningham Rd/S Rippeto Rd N Strawn Rd/W 170 Dr SW Northland Dr/Blue Ridge Rd S River Rd/Conservation Rd W Red Rock Rd at Perche Creek W Gillespie Bridge Rd/S Coats Ln E Grimes Rd/E Hartsburg Bottom Rd
47         W           48         N           49         N           50         S           51         W           52         W           53         E           54         B           55         E	W Harold Cunningham Rd/S Rippeto Rd N Strawn Rd/W 170 Dr SW Northland Dr/Blue Ridge Rd S River Rd/Conservation Rd W Red Rock Rd at Perche Creek W Gillespie Bridge Rd/S Coats Ln E Grimes Rd/E Hartsburg Bottom Rd
48         N           49         N           50         S           51         V           52         V           53         E           54         B           55         E	N Strawn Rd/W 170 Dr SW Northland Dr/Blue Ridge Rd S River Rd/Conservation Rd W Red Rock Rd at Perche Creek W Gillespie Bridge Rd/S Coats Ln E Grimes Rd/E Hartsburg Bottom Rd
49         N           50         S           51         W           52         W           53         E           54         B           55         E	Northland Dr/Blue Ridge Rd S River Rd/Conservation Rd W Red Rock Rd at Perche Creek W Gillespie Bridge Rd/S Coats Ln E Grimes Rd/E Hartsburg Bottom Rd
50         S           51         W           52         W           53         E           54         B           55         E	S River Rd/Conservation Rd W Red Rock Rd at Perche Creek W Gillespie Bridge Rd/S Coats Ln E Grimes Rd/E Hartsburg Bottom Rd
51         W           52         W           53         E           54         B           55         E	W Red Rock Rd at Perche Creek W Gillespie Bridge Rd/S Coats Ln E Grimes Rd/E Hartsburg Bottom Rd
52         W           53         E           54         B           55         E	W Gillespie Bridge Rd/S Coats Ln E Grimes Rd/E Hartsburg Bottom Rd
53         E           54         B           55         E	E Grimes Rd/E Hartsburg Bottom Rd
54 B 55 E	
55 E	Blue Ridge Rd at Bear Creek
	E Ball Rd/N Adams Rd
	E ORear Rd west of Hinkson Creek
	E Claysville Rd/S Hartsburg Bottom Rd
	E St Charles Rd east of N Rte Z
	S Hart Creek Rd/S Jemerson Creek Rd
	E Hwy WW at the north fork of Grindstone Creek
	E Richland Rd/N Trade Winds Pkwy
	N Strawn Rd at Harmony Creek
	Hinkson Creek Rd/N Wyatt Ln
	Northland Dr/Bear Creek
	E Hwy WW at Grindstone Creek South Fork
	W Wilcox Rd/N ONeal Rd
	N Level Rd/E Owens School Rd
	West Broadway St/Strawn Rd
69 N	N Barnes Rd at Silver Fork Creek
	S Hill Creek Rd/W Buffalo Ridge Rd
	W Stidham Rd/N Richardson Dr
	E Rte Y at Cedar Creek
	S Hwy KK at Mill Creek
	Blackfoot Rd north of Cedar Cliff Dr
75 N	N Silver Fork Hill Rd/W Stone Dr
	W Rocheport Gravel Rd/W Hwy 40
77 V	W Akeman Bridge Rd at Perche Creek
78 V	W Stone Dr/N Dripping Springs Rd
79 E	E Marshall Ln at county line
80 S	S Rippeto Rd/W Acton Rd
81 E	E Nashville Church Rd at Bonne Femme Creek
82 E	E Judy School Rd near Cedar Creek
83 V	W Stone Dr at Silver Fork Creek
84 V	W Akeman Bridge Rd at Slacks Branch Creek
85 S	S Easley River Rd at Missouri River
86 S	S Smith Hatcher Rd at Little Bonne Femme Creek
87 N	N Rte E at Perche Creek
88 V	W Brown School Rd/N Clearview Rd

89	W Gillespie Bridge Rd at Goodin Branch Creek
90	N Blackfoot Rd at Columbia limit
91	S Sinclair Rd at Mill Creek
92	N Re E between Perche Creek and Rocky Fork Creek
93	N ONeal Rd/W Roemer Rd
94	Blackfoot Td at Cow Branch Creek
95	E Hartsburg Bottom Rd at Hart Creek
96	S High Point Ln at Little Bonne Femme Creek

Figure 3.14: Road Closure Frequency



There are characteristic differences between riverine flooding and small stream/flash flooding in the planning area; these differences involve both the speed of onset and duration of flooding events.

Riverine flooding -

- Speed on Onset Riverine flooding is a hazard which allows for mitigation, preparation, and potential evacuation because of the relatively long speed of onset.
- Duration An examination of the NOAA data for riverine flooding 1996-2019 indicates an average duration of Missouri River flooding of over 13 days per event (Table 3.15).

Small Stream and Flash Flooding -

- Speed on Onset In contrast to riverine flooding, small stream flooding and flash flooding occur very quickly with heavy rains.
- Duration Small stream flooding in the planning area usually takes place within the span of one day, according to the NOAA data (Table 3.15). Information from Boone County Public Works indicates that many flash flooding events which cause road closures are confined to a few hours, although the water takes longer to recede in some locations.

Table 3.15							
Boone County Historic Data							
	River and Small Stream Flood						
	January 1 1996 - December 31, 2019						
Location	Date	Type of Flood					
Southern Boone	1996: 5/1/96	Missouri River					
Southern Boone	1998: 10/6/1998	Missouri River					
Southern Boone	2001: 6/4/01	Missouri River					
Southern Boone	2002: 5/8/02	Missouri River					
Southern Boone	2007: 5/8/2007	Missouri River					
Southern Boone	2010: 6/9/10	Missouri River					
Central Boone	1997: 9/8/1997	Urban/Small Stream					
Columbia	1998: 8/27/1998	Urban/Small Stream					
Countywide	2001: 1/28/01 - 1/29/01	Urban/Small Stream					
Countywide	2001: 6/6/2001	Urban/Small Stream					
Countywide	2008: 9/13/2008	Urban/Small Stream					
Central Boone	2015: 11/17/2015	Urban/Small Stream					
Source: http://www.ncdc.noaa.	gov/stormevents; available data as of 12/31/2019						

Data from NOAA indicates 12 river or small stream floods in Boone County since the Missouri River flood of 1995 (Table 3.15). Six of these events were floods of the Missouri River. There have been 8 reported flash flood events since the last plan update (Table 3.16).

Table 3.16						
		nty Historic Data				
		sh Flood				
Jan	Date	- December 31, 2019 Location	Date			
Eastern Boone	06/22/97	Countywide	09/12/08			
Northern Boone	06/29/98	Countywide	09/12/08			
Central Boone	07/04/98	Countywide	03/24/09			
Countywide	10/05/98	Northern Boone	03/24/09			
Northern Boone	06/12/99	Northern Boone	05/15/09			
Southern Boone	05/27/00	Southern Boone	07/04/09			
Central and Northern Boone	03/27/00	Countywide	10/08/09			
Central and Northern Boone	08/07/00	Countywide	10/08/09			
Columbia	05/17/01	Countywide	10/22/200			
SW Columbia and North of McBaine	07/19/01	Columbia	4/23/2010			
Countywide	05/07/02	Countywide	4/24/2010			
Countywide	05/09/02	Columbia area	5/12/2010			
Countywide	05/12/02	Columbia/Centralia	5/13/2010			
Southern Boone	08/18/02	Countywide	7/7/2010			
Columbia	08/20/02	Centralia	7/29/2010			
Northern Boone	06/12/03	Columbia	8/20/2010			
Northern Boone	06/25/03	Columbia area	5/25/2011			
Countywide	03/26/04	Countywide	4/29/2012			
Countywide	08/26/04	Midway/Columbia area	5/26/2013			
Countywide	01/12/05	Easley	5/31/2013			
Columbia	05/11/05	Southern Boone	4/3/2014			
Columbia	08/26/05	Central Boone	9/1/2014			
Columbia	09/19/05	Sturgeon	6/7/2015			
Central Boone	06/11/06	Countywide	6/25/2015			
Centralia	05/06/07	Countywide	7/1/2015			
Columbia	05/06/07	Southern Boone	12/26/201			
Centralia	03/17/08	Central Boone	7/3/2016			
Northern Boone	04/10/08	Southern Boone	8/1/2016			
Central to Northern Boone	06/13/08	Centralia	8/2/2016			
Central to Southern Boone	07/22/08	Northern Boone	4/29/2017			
Northern Boone	07/25/08	Northern Boone	6/26/2018			
Hallsville	07/27/08	Southern Boone	6/22/2019			
	01/2//08	Countywide	8/12/2019			
Source: http://www.pcdc.poaa.gov/storr	nevents: availab		0/12/2019			
Source: http://www.ncdc.noaa.gov/stormevents; available data as of 12/31/19						

There was one death from an urban/small stream flood in during this period. On Sept. 13, 2008, a 20-year old woman attempted to help a man who had been swept off Clark Lane into Hominy Creek on the east side of Columbia. She was swept away by the floodwaters to her death. The flooding in this period originated from the remnants of Hurricane Ike which swept across the Midwest causing widespread and extensive flooding.

Flooded roadways caused minor injuries to two people who were trapped in their car November 11, 2015 after nearly 5 inches of rain fell over a two-day period.

### Strength/Magnitude/Extent

According to the 2018 State Hazard Mitigation Plan, Missouri has a long history of flooding. Flooding along Missouri's major rivers generally results in slow-moving disasters. Since river crest levels are forecast several days in advance communities in these active areas are given time to take protective measures against heightened water levels through means of evacuation and/or sandbagging efforts. Flash-flooding by contrast is a rapid rise of flood waters and has a history of causing a higher number of deaths and property damage.

### National Flood Insurance Program (NFIP) Participation

Community ID #	Community Name	NFIP Participant (Y/N/Sanctioned)	Current Effective Map Date	Regular- Emergency Program Entry Date	
290034B	Boone County	Yes	04/19/17	06/15/83	
290752#	Ashland	Yes	03/17/11	08/24/84	
290035#	Centralia	Yes	03/17/11	04/15/77	
290036B	Columbia	Yes	04/19/17	08/27/71	
290712B	Hallsville	Yes	04/19/17	01/01/06	
290246#	Harrisburg	Yes	03/17/11	06/08/12	
290037B	Hartsburg	Yes	04/17/17	08/16/82	
290995B	Huntsdale	Yes	04/19/17	06/11/15	
290038B	Rocheport	Yes	04/19/17	08/02/82	
290039#	Sturgeon	Yes	03/17/11	05/01/87	
Source: NFIP Community Status Book, 09/24/19; BureauNet, <u>http://www.fema.gov/national-flood-insurance-program/national-flood-insurance-program-community-status-book;</u> M= No elevation determined – all Zone A, C, and X:					

#### Table 3.17: NFIP Participation in Boone County

NSFHA = No Special Flood Hazard Area; E=Emergency Program

### **Table 3.18: NFIP Policy and Claim Statistics**

Community Name	Policies in Force	Insurance in Force	Closed Losses	Total Payments
Uninc. Boone County	57	11,642,300		\$375,303
Centralia	2	420,000		
Columbia	156	38,706,500		\$2,250,809
Hartsburg	22	1,964,100		\$121,572
Rocheport	4	426,500		

Source: NFIP Community Status Book, [09/24/19]; BureauNet, <u>http://bsa.nfipstat.fema.gov/reports/reports.html</u>; \*Closed Losses are those flood insurance claims that resulted in payment. Loss statistics as of 09/30/19.

### **Repetitive Loss/Severe Repetitive Loss Properties**

Properties with at least two flood insurance payments of \$1,000 or more in a 10-year period are categorized as Repetitive Loss Properties. Properties that have repetitive loss fall within unincorporated Boone County, and the jurisdictions of Columbia and Hartsburg. They combine for a total of 58 losses. Due to federal restrictions on data sharing, the state was unable to provide full Repetitive Loss data or current Severe Repetitive Loss data. This also impacts information on Property Type and whether the properties are mitigated or non-mitigated.

Jurisdiction	# of Properties	Type of Property	# Mitigated	Building Payments	Content Payments	Total Payments	Average Payment	# of Losses
Uninc. Boone County	5	N/A	N/A	\$366,233	\$9,069	\$375,303	\$16,318	23
Columbia	5	N/A	N/A	\$1,432,160	\$\$818,648	\$2,250,809	\$83,363	27
Hartsburg	4	N/A	N/A	\$121,572	\$0	\$121,572	\$15,197	8
Total	14	N/A	N/A	\$1,919,966	\$827,718	\$2,747,684	\$47,374	58

**Table 3.18: Repetitive Loss Payments** 

Source: Flood Insurance Administration as of 09/30/19

Severe Repetitive Loss (SRL): A SRL property is defined as a single family property that is covered under flood insurance by the NFIP; and has (1) incurred flood-related damage for which four or more separate claims payments have been paid under flood insurance coverage with the amount of each claim payment exceeding \$5,000 and with cumulative amounts of payments exceeding \$20,000; or (2) for which at least two separate claims payments have been made with the cumulative amount of such claims exceeding the reported value of the property. A single-family property can consist of one-to-four residences. Boone County only has one such property

Table 3.19: Boone County Severe Repetitive Loss Property

County	Community Name	Number of SRL Properties	Number of Paid NFIP Claims	Total Paid Losses	Average Payment
Boone	Boone County	1	10	\$219,131.36	\$21,913.14

Source: 2018 Missouri State Hazard Mitigation Plan

# **Previous Occurrences**

The floods of 1993 and 1995 were the worst repetitive flood events in Missouri history, according to the *Missouri State Hazard Mitigation Plan (2013)*. There were five presidential disaster declarations for flooding during this period; Boone County was included in Disaster Declaration #995 (July 9, 1993) and Disaster Declaration #1054 (June 2, 1995).

All levees in Boone County failed during the Flood of 1993, according to the U.S. Army Corps of Engineers. More information about this is included under Levee Failure.

The towns of Hartsburg, Huntsdale, McBaine, Rocheport and the unincorporated areas near the Missouri River experienced elevated loss statistics during the Missouri River floods of 1993 and 1995 as compared with damages in the remainder of the county.

2019 saw near record flooding. Depths were reported within a couple feet of 1993 flood levels and on par with 1995 levels. Levees upstream and down-stream were breached. Those breaches outside of Boone County led to drops in depths that took pressure off multiple levees in Boone County.

			# of	Property	Сгор
DATE	# of Events	# of Deaths	Injuries	Damage	Damage
5/27/2000	1	0	0	0	0
8/7/2000	1	0	0	0	0
5/17/2001	1	0	0	0	0
7/19/2001	1	0	0	0	0
5/7/2002	1	0	0	0	0
5/9/2002	1	0	0	0	0
5/12/2002	1	0	0	0	0
8/18/2002	1	0	1	0	0
8/20/2002	1	0	0	0	0
6/12/2003	1	0	0	0	0
6/25/2003	1	0	0	0	0
3/26/2004	1	0	0	500000	0
8/26/2004	1	0	0	0	0
1/12/2005	1	0	0	0	0
5/11/2005	1	0	0	0	0
8/26/2005	1	0	0	0	0
9/19/2005	1	0	0	0	0
6/11/2006	1	0	0	0	0
5/6/2007	1	0	0	45000	0
5/6/2007	1	0	0	0	0
3/17/2008	1	0	0	0	0
4/10/2008	1	0	0	1000	0
6/13/2008	1	0	0	1000	0
7/22/2008	1	0	0	0	0
7/25/2008	1	0	0	0	0
7/27/2008	1	0	0	0	0
9/12/2008	1	0	0	0	0
9/13/2008	1	0	0	0	0
3/24/2009	1	0	0	0	0
4/29/2009	1	0	0	0	0
5/15/2009	1	0	0	0	0
7/4/2009	1	0	0	0	0
10/8/2009	1	0	0	0	0
10/22/2009	1	0	0	0	0

 Table 3.20: NCEI Boone County Flash Flood Events Summary 2000-2020

				1	
4/23/2010	1	0	0	0	0
4/24/2010	1	0	0	0	0
5/12/2010	1	0	0	0	0
5/13/2010	1	0	0	0	0
7/7/2010	1	0	0	0	0
7/29/2010	1	0	0	0	0
8/20/2010	1	0	0	0	0
5/25/2011	1	0	0	0	0
4/29/2012	1	0	0	0	0
5/26/2013	1	0	0	0	0
5/31/2013	1	0	0	0	0
4/3/2014	1	0	0	0	0
9/1/2014	1	0	0	0	0
6/7/2015	1	0	0	0	0
6/25/2015	1	0	0	0	0
7/1/2015	1	0	0	0	0
12/26/2015	1	0	0	0	0
7/3/2016	1	0	0	0	0
8/1/2016	1	0	0	0	0
8/2/2016	1	0	0	0	0
4/29/2017	1	0	0	0	0
6/26/2018	1	0	0	0	0
6/22/2019	1	0	0	0	0
8/11/2019	1	0	0	0	0
8/12/2019	1	0	0	0	0
	01/2000 02/20/2020				

Source: NCEI, 02/01/2000-02/29/2020

# Table 3.21: NCEI Boon County Riverine Flood Events Summary 2000-2020

	# of	# of	# of	Property	Crop
Date	Events	Deaths	Injuries	Damage	Damage
1/28/2001	1	0	0	0	0
6/4/2001	1	0	0	0	0
6/6/2001	1	0	0	0	0
5/8/2002	1	0	0	0	0
5/8/2007	1	0	0	10000	25000
9/13/2008	1	1	0	0	0
6/9/2010	1	0	0	0	0
11/17/2015	1	0	2	0	0

Source: NCEI, 02/01/2000-02/29/2020

# **Probability of Future Events**

Table: 3.22						
Probability of Future Flooding Events						
EF-Scale	# of years with flood event (2000-2020)	Probability	Probability Rating			
Missouri River flood	6	30%	High			
Urban/small stream flood	5	25%	High			
Flash flood	59	100%	High			

While the probability of flooding of the Missouri River is high, the towns by the river (Hartsburg, Huntsdale and Rocheport) are all protected to varying degrees by levees. The Katy Trail State Park functions as a levee for all three jurisdictions; Hartsburg and Huntsdale are also protected by agricultural levees. For this reason, there is only a moderate probability of flooding in these three towns.

Boone County is vulnerable to both Missouri River floods and flash flooding; the City of Columbia is vulnerable to flash flooding and flooding from the backup of branches feeding into the Missouri River during times of river flooding. Flash flooding events happen at a high frequency and average 2.8 events a year. In a 20-year period there isn't a single year in which flash flooding hasn't happened.

Probability: High – Boone County (unincorp.), Columbia Moderate – Hartsburg, Huntsdale, Rocheport Low - all other participating jurisdictions

### VULVERABILITY

Severity: High – Hartsburg, Huntsdale, Rocheport Moderate – Boone County (unincorporated), Columbia Low - all other participating jurisdictions

### **Potential Impact – Life**

All types of flooding present a threat to human life and livelihood. Small stream/urban stream flooding and flash flooding are particularly hazardous due to their quick onset. It is an ongoing struggle to educate the public concerning the very real hazard presented by flooded low water crossings and other flash flooding situations.

In addition to the risk of drowning, exposure to flood waters can result in infection or injury from sewage, agricultural runoff, and industrial chemicals. Flooded buildings present health risks from mold, chemicals and electrical hazards.

Flooding also poses a threat to the livelihood of those farming in low lands; this is especially a problem near the Missouri River. When the river level is high for an extended period, water will seep up through the soil and cause additional flooding to that already caused by heavy rains. Standing water in fields may prevent planting at the optimal time for a successful harvest or damage/destroy crops during the growing season.

## **Potential Losses to Existing Development**

Structures and infrastructure near the Missouri River are potentially vulnerable to damage from riverine flooding; many of these structures are protected by levees and sandbagging at times of high river levels but there is the potential for floodwaters to top the levees or for levee failure.

Flash flooding events present a risk of damage to roadways, drainage systems, and culverts. In addition, there are homes at risk of flash flooding, especially in the City of Columbia.

### **Potential Losses to Previous and Future Development**

There is a high level of awareness in the planning area regarding the dangers and potential of flooding. Participation in the NFIP by Boone County and all the major communities means that floodplain ordinances are in place regulating development in the floodplain. In addition, Boone County and the City of Columbia have storm water management plans and requirements in place.

However, development is vigorous in the planning area, especially in and around the City of Columbia. The city is already vulnerable to flash flooding and an increase in impervious surface means an increase in runoff. It is important that development projects are closely monitored to ensure compliance with all storm water requirements and regulations in order to minimize increases to flash flooding from development. This is increasingly crucial as it is now known that climate change is causing an increase in the type of heavy downpours which trigger flash flooding.

# Hazard Summary by Jurisdiction

The Missouri River floods of 1993 and 1995 were devastating events for many parts of the Midwest United States. Changes in river management, including major wetland restoration projects along the river's long course, the buildup of some levee sections in parts of the planning area, and the buyout of properties in the river floodplain (Figure 4.17) have all helped to mitigate risk associated with riverine flooding in the planning area.

### **Boone County**

A Stream Buffer Ordinance, Order 205-2009, was passed by the Boone County Commission in April 2009 with an implementation date of June 1, 2009, and a review after one year of implementation. One of the ordinances many focuses is reduction of flash flooding. The ordinance governs the unincorporated areas of the county.

A Joint Storm Water Task Force, formed by the Boone County Commission and the City of Columbia, met from 2002 to 2008 and drafted a Storm Water Ordinance for the County.

## Columbia

The City of Columbia Water Treatment Plant is located in the Missouri River floodplain. After the floods of 1993 and 1995, the following mitigation was put in place to protect the water supply: the well platforms were raised seven feet; secondary power and waterlines were run from the well field to the water treatment plant and a concrete flood protection wall was constructed around the plant.

Lagoons for the city's wastewater treatment system are also located in the floodplain and surrounded by a berm for flood protection.

The Public Works Department staff reviews all subdivision plans to ensure structures are not built in the floodway and are 2 feet above the 100-year flood elevation when placed in the flood fringe.

The City of Columbia has a Stormwater Master Plan. It has a Stormwater Management Program located within the Department of Public Works.

Columbia's "Stormwater Management & Water Quality Manual" was updated in February 2009 with revisions in 2013. The manual includes the following specifications for road classifications and their respective levels of safety against flooding (Figure 4.20).

Table 3.23						
Design Capacity for Streets						
Street ClassificationMinimum Design Storm CapacityDesign Storm Return Interval						
Arterial	1%	100 year				
Collector and Local Non-Residential	4%	25 year				
Residential	10%	10 year				
Source: Stormwater Management & Water Quality Man						

Source: Stormwater Management & Water Quality Manual, Columbia, MO, 2009

Flash flooding is of particular concern in the City of Columbia; flood buyouts in the city have been outside of the floodplain in Zone X where the properties were repeatedly affected by flash flooding. Columbia still has a significant number of NFIP repetitive loss properties.

# Rocheport

The City of Rocheport relies on the County in times of major flooding to provide sandbags or concrete barriers which are placed on the north side of the Katy Trail to protect the city. This has been effective but is an expensive venture for the County. There are also four houses on the south (river) side of the Katy Trail which could sustain damage in times of flooding and would not be assisted by the sandbagging; the city has targeted three of these houses for potential flood buyouts; one house has been elevated. The city park on the south side of town will flood with lower river levels but this is not a major concern for the city. The Boone County Regional Sewer District now owns and operates the wastewater treatment facility serving the city; it is located in the floodplain.

## Huntsdale

While Huntsdale is located near the river and has a significant area in the floodplain, the main part of the town is almost totally surrounded by levees. There is a campground along the river outside of the levee protection area, but it is not used in the event of potential flooding. The town sandbags a small area along the Grocery Branch on the southeast edge of town but has not experienced severely problematic flooding since the 1993 floods.

### Hartsburg

Hartsburg also has levee protection from both the agricultural Hartsburg Levees and a section of the Katy Trail which runs through the village. This section was elevated to 32 feet following the 1993 flood and provides extra protection for about half of the village, including the business section. In times of flood threat, Hartsburg sandbags on this part of the Katy Trail but more than half of the town residences (11 houses) are on the river side of the trail and protected only by one of the agricultural levees. If flooding overtops the agricultural levees, the consequences for these 11 houses would be severe. There have been a number of times in the past 15 years when the village sandbagged on the trail but no levees were overtopped in that period.

# SUMMARY OF VULNERABILITY

The entire planning area is at risk from some type of flooding. The most common types of flooding in the area are flash and sheet flooding associated with heavy downpours. This is of particular concern in the unincorporated parts of Boone County, where roads can become impassable, and in the City of Columbia, where flash flooding affects a number of NFIP repetitive loss properties. Climate change is causing an increase in heavy downpours and this will, in turn, most likely increase the frequency and/or severity of flash flooding.

Flooding of the Missouri River is a potential problem for the areas near the river: the unincorporated areas of Boone County, the jurisdictions of Hartsburg, Huntsdale, and Rocheport and also the City of Columbia, which has significant infrastructure situated in the river bottoms.

Some county roads near the river become impassable during times of high water levels. The incorporated areas of Hartsburg and Huntsdale are protected both by agricultural levees and the Katy Trail, which acts as a levee, but the levees and trail require sandbagging at times of high river levels. Most of Rocheport is also protected by the Katy Trail; the trail is also sandbagged at this location at times of potential flooding. The levees, along with the sandbagging efforts, have kept these towns safe from flooding for the past few decades; however, there is always the possibility that the levees could be overtopped, or fail, with very high river levels.

The City of Columbia's infrastructure near the river is protected by berms and the McBaine Levee; again, there is always the potential for the levee to be overtopped or fail. Columbia can also experience flooding from the backup of a major tributary branch when the Missouri River is high.

All major jurisdictions of the planning area are members of the NFIP and have floodplain regulations in place. In addition, Boone County and the City of Columbia have put extensive time, energy, and resources into developing storm water plans and regulations. These factors,

plus a high awareness of the threat of potential flooding, all act to help mitigate the vulnerability to this hazard.

### **Problem Statement**

Flooding and flash flooding are frequent occurrences in the planning area that pose a threat to life, livelihood, property, and infrastructure. Risk to these things vary across the planning area with highest risk being to lands and jurisdictions along the Missouri River and creeks and streams that feed it. While all jurisdictions in the planning area are part of the NFIP, portions of Boone County, Columbia, Hartsburg, Huntsdale, and Rocheport have the most risk due to their proximity to the river and how much of their infrastructure is located in flood and flash flood prone areas. As a result of past events ordinances and guidance has been put in place by Boone County and the City of Columbia to help control development in hazard areas. Proper stormwater handling, warning systems, elevated low-water crossings, and river bank restoration are all actions to aid in reduction of flood damage in the planning area.

# **LEVEE FAILURE**

# **DESCRIPTION OF HAZARD**

A levee is defined by the National Flood Insurance Program as "a man-made structure, usually an earthen embankment, designed and constructed in accordance with sound engineering practices to contain, control, or divert the flow of water so as to provide protection from temporary flooding."

<u>Federally authorized levees</u> are typically designed and built by the US Army Corps of Engineers in cooperation with a local sponsor then turned over to a local sponsor to operate and maintain.

Non-federal levees are designed, built, and managed by a non-federal entity.

There is no single agency with responsibility for levee oversight. The Corps of Engineers has specific and limited responsibilities for approximately 2,000 levees nationwide through their Levee Program.

The responsibilities of local levee owners or sponsors are broad and may include levee safety; land use planning and development; building codes; and operations, maintenance, repair, rehabilitation, and replacement of the levee. The certification of levees for FEMA's National Flood Insurance Program is also the responsibility of the local levee owners or sponsors.

Federally authorized and some non-federal levees may be eligible for Corps of Engineers rehabilitation assistance funding.

This assessment discusses the major levees in the planning area; these levees are owned and operated by levee districts. There are also several privately owned levees which are maintained by their owners; official data on the locations of these private levees is not available.

The USACE notes that there is a "large universe of private and other non Corps levees that have not been inventoried or inspected/assessed. We don't know the size of this universe, where the levees are located, their condition, or the consequences of failure, loss of life being of paramount concern."

Levee failure, according to FEMA, can occur by the following means:

- **Overtopping** When a large flood occurs, water can flow over a levee. The stress exerted by the flowing water can cause rapid erosion.
- **Piping** Levees are often built over old stream beds. Flood waters will follow these sub grade channels causing a levee to erode internally thereby allowing flood waters to rupture the levee structure.
- Seepage and Saturation If flood waters sit up against a levee for a long period, the levee may become saturated and eventually collapse.
- Erosion Most levees are constructed of sand or soil which erodes easily under high-velocity flood waters.

• **Structural Failures** - Lack of regular maintenance is a key reason levees fail at gates, walls, or closure sites.

### Location

Boone County, the Villages of Hartsburg and Huntsdale, and the City of Columbia are all vulnerable to levee failure.

The major levees in the planning area, the McBaine and Hartsburg Levees, are located along the southwestern border of Boone County on the left descending bank of the Missouri River between river miles 180 and 150 (Figures 4.22-4.23). They protect agricultural land, the communities of McBaine, Huntsdale, and Hartsburg, and critical infrastructure of the City of Columbia from Missouri River flooding.

Figure 3.15

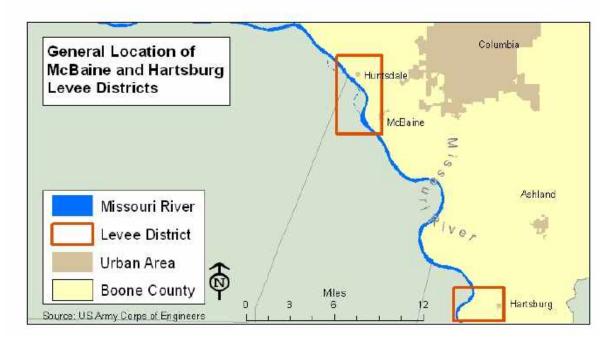


Table 3.24							
Major Levees in Planning Area							
Levee Name	MO River Mile Location (left descending bank)	Segment Length (miles)	Leveed Area Acreage				
McBaine Levee	179.6 to 175.0	10.59	2492.94				
Hartsburg Levee District Section 1	160.5 to 155.3	7.32	2,071.05				
Hartsburg Levee District Section 2	155.2 to 153.6	5.60	1,341.90				
Hartsburg Levee District Section 3	153.6 to 150.8	6.53	739.14				
Sources: USACE National Levee Database: I	JSACE Levee Inspection R	eports					

The McBaine and Hartsburg levees together protect over 6,000 acres of land; they are earthen levees which were locally constructed and are locally operated and maintained. The levees were built as agricultural levees to withstand 50 year floods; none are NFIP certified. The sponsoring levee districts are separate taxing entities organized by the Boone County Circuit Court.

The levees are part of the Army Corps of Engineers Rehabilitation Program and were last inspected in 2014. According to the USACE, "The rating is based on the levee inspection checklist, which includes 125 specific items dealing with operation and maintenance of levee embankments, floodwalls, interior drainage, pump stations, and channels." The McBaine Levee received an "acceptable" rating during the most recent inspection and the Hartsburg Levees received "minimally acceptable" ratings. This is based on a 3-tier scale ranging from acceptable to unacceptable.

	WE DESCRIPTION OF A DES
Acceptable	All inspection items are rated as Acceptable.
Minimally Acceptable	One or more inspection items are rated as Minimally Acceptable or one or more items are rated as Unacceptable and an engineering determination concludes that the Unacceptable inspection items would not prevent the segment/system from performing as intended during the next flood event.
Unacceptable	One or more inspection items are rated as Unacceptable and would prevent the segment/system from performing as intended, or a serious deficiency noted in past inspections (previous Unacceptable items in a Minimally Acceptable overall rating) has not been corrected within the established timeframe, not to exceed two years.

### Levee System Inspection Ratings

As part of the USACE Levee Program, the levee districts are eligible for Corps of Engineers levee rehabilitation assistance should their levees receive damage during a flood event. The levee must maintain a *minimally acceptable* standard to remain eligible for the assistance.

More detailed views of the major levees are shown in Figures 3.25 and 3.26.

#### MCBAINE LEVEE





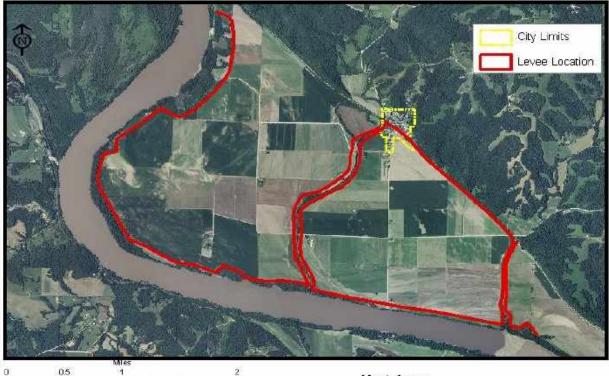
Source: McBaine Levee District President, John Sam Williamson and Joe Gibbs PE



McBaine Levee District (MCBA) Item No. 43C

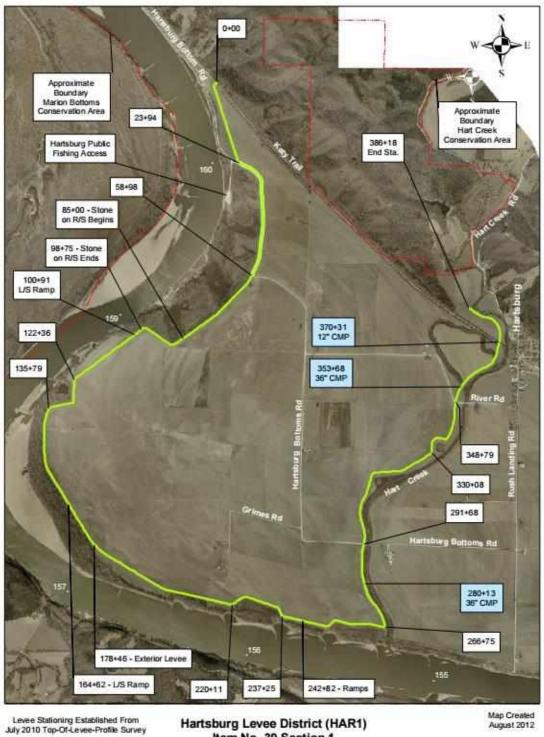
### HARTSBURG LEVEES





Source: Hartsburg Floodplain Administrator Mike Rodemeyer

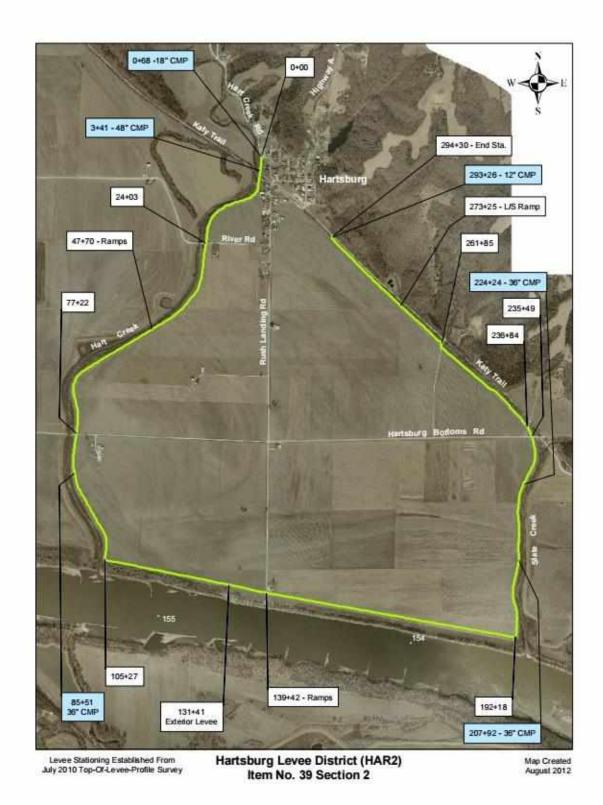
Hartsburg

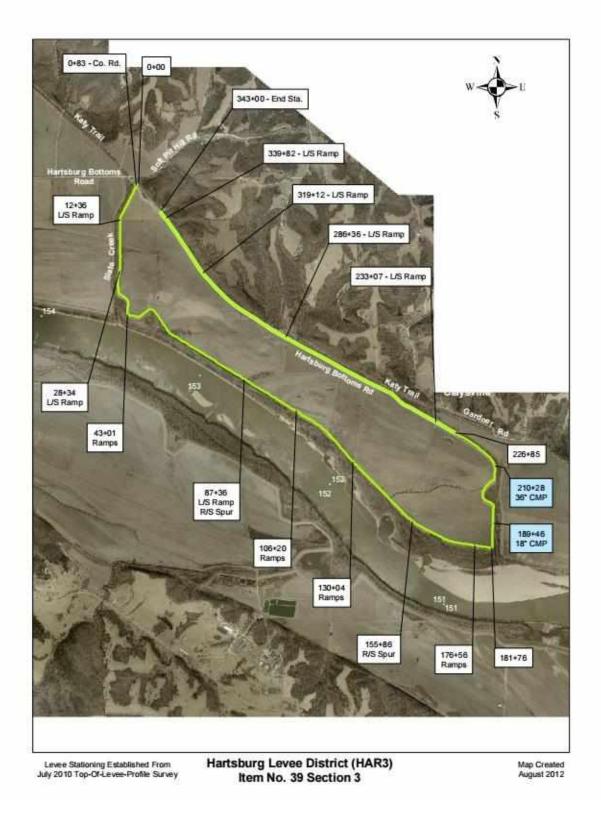


Hartsburg Levee District (HAR1) Item No. 39 Section 1

Map Created August 2012

#### Figure 3.26C





In addition to receiving protection from the Hartsburg Levees, the Village of Hartsburg receives add levee protection from a section of the Katy Trail State Park (owned and maintained by the MO Department of Natural Resources) which runs through the town. This section was elevated to 32 feet following the 1993 flood and provides extra protection for about half of the village, including the business district. The Katy Trail also provides added levee protection for the Village of Huntsdale and the City of Rocheport.

# Extent

Levee failure is typically an additional or secondary impact of another disaster such as flooding or earthquake. Levee failure often occurs during a flood event, causing destruction in addition to what would have been caused by flooding alone. A breech on an agricultural levee can not only cause immediate crop loss but sand and silt brought in from a levee break can impact the growing medium for years to come.

Regular maintenance and inspection of the levees is critical. For the major levees in the planning area, the potential of major failure is connected to flooding of the Missouri River, a hazard with a longer speed of onset than many other hazards. This longer speed of onset allows time to mitigate and prepare for potential failure as flooding threatens.

# **Previous Occurrences**

During the 1993 Flood, according to the US Army Corps of Engineers, all levees in Boone County failed and resulted in the inundation of land and structures being protected by those levees. The water treatment plant for the City of Columbia was located in the path of the flood water but, due to intensive efforts by several parties, there were no effects on the structure.

According to the Boone County Health Department, no Boone County public water or city water supplies in the county suffered contamination. Some private wells were sampled and found to contain higher bacteria levels after the flood. These wells were treated with chlorine and the issue was resolved.

In 2019 levees in Boone County were tested by nearing record level river levels that stayed high for a prolonged period of time. The extended time in which the levees were under pressure caused scouring in places but due to breaks in upstream levees the pressure was reduced to levees in the planning area before they broke.

# **Probability of Future Occurrence**

Probability: Moderate – Boone County, Columbia, Hartsburg, Huntsdale Not applicable – All other participating jurisdictions

There haven't been any levee breeches in the planning area in the last 20 years. With regular maintenance the probability of a levee break is low but with the high rate of flooding along the Missouri river the potential for a break is never zero.

# **Changing Future Conditions Considerations**

As precipitation is projected to increase, and in more extreme events, the risk of flooding could increase. Prolonged elevated water levels can make maintenance and repairs difficult to accomplish only increasing the risk for a break through scouring and seepage.

### VULNERABILITY

Severity: Moderate – Boone County, Hartsburg, Huntsdale Low – Columbia

The severity rating for Columbia has been assessed as low because there is additional protection in place for the critical infrastructure protected by the McBaine Levee.

#### **Impact - Future Development**

Almost all of the land protected by the major levees in the planning area is within the Missouri River floodplain and any development would be subject to the floodplain regulations of either Boone County or the Village of Hartsburg and Huntsdale. It is highly unlikely that development, other than necessary infrastructure, will take place in these areas

### **Existing Mitigation Activities**

The McBaine and Hartsburg Levees are maintained by the levee districts. They receive regular inspections as part of the USACE Rehabilitation and Inspection Program.

### **Hazard Summary**

Boone County, the Villages of Hartsburg and Huntsdale, and the City of Columbia are all vulnerable to levee failure.

The Villages of Huntsdale and Hartsburg are both protected from Missouri River flooding by major agricultural levees (the McBaine Levee and Hartsburg Levees, respectively). These levees also protect some county roads and agricultural lands; in addition, the McBaine Levee protects some of Columbia's critical infrastructure and significant public utilities located in the floodplain.

These levees failed during the 1993 Missouri River flood. Changes in management of the Missouri River, including major wetland restoration projects along the river's long course, have helped to control flood levels on the lower Missouri since that time. In addition, some properties in the floodplain were abandoned, moved, or bought out following that flood; this reduced the number of structures vulnerable to flooding/levee failure. Regular maintenance and inspection of the levees has helped to ensure their integrity to withstand the pressures of rising river levels.

The risk of flooding from levee failure remains, however. The warning time afforded by a hazard such as levee failure, which has a long period of onset, will allow for preparations and evacuations to take place, should the need arise.

### **Problem Statement**

Levee failure is not a common occurrence in the planning area. The last instance of levee failure in the planning area was in 1993 when records were set across the state for flooding levels. Levee failure is usually a slow process that gives people time to evacuate areas at risk. Keeping up with maintenance and frequent inspections are actions of mitigation to help prevent such breakages that could lead to property damage and crop loss.

# DAM FAILURE

### **DESCRIPTION OF HAZARD**

A dam is defined by the National Dam Safety Act as an artificial barrier which impounds or diverts water and is:

- 1. more than 6 feet high and stores 50 acre feet or more or
- 2. 25 feet or more high and stores more than 15 acre feet.

Based on this definition, there are over 80,000 dams in the United States. Over 95% are non-federal, with most being owned by state governments, municipalities, watershed districts, industries, lake associations, land developers, and private citizens.

Dam owners have primary responsibility for the safe design, operation and maintenance of their dams. They also have responsibility for providing early warning of problems at the dam, for developing an effective emergency action plan, and for coordinating that plan with local officials. The State has ultimate responsibility for public safety, and many states regulate construction, modification, maintenance, and operation of dams, and also ensure a dam safety program.

Dam construction varies widely throughout the state. A majority of dams are of earthen construction. Missouri's mining industry has produced numerous tailing dams for the surface disposal of mine waste. These dams are made from mining material deposited in slurry form in an impoundment. Other types of earthen dams are reinforced with a core of concrete and/or asphalt. The largest dams in the state are built of reinforced concrete, and are used for hydroelectric power.

Failure - Dams can fail for many reasons. The most common are:

**Piping:** internal erosion caused by embankment leakage, foundation leakage and deterioration of pertinent structures appended to the dam;

**Erosion:** inadequate spillway capacity causing overtopping of the dam, flow erosion, and inadequate slope protection;

Structural Failure: caused by an earthquake, slope instability or faulty construction;

**Overtopping** – inadequate spillway design, debris blockage of spillways, or settlement of the dam crest.

Piping, erosion, and structural failures are often interrelated. For example, erosion, either on the surface or internal, may weaken the dam or lead to structural failure. Similarly, a structural failure may shorten the seepage path and lead to a piping failure.

**Dam Hazard Classification -** Dams in Missouri have been classified according to both a federal and state system with regards to potential hazard posed.

The **federal classification system** is based upon the probable loss of human life and the impact on economic, environmental and lifeline interests from dam failure. It should be noted that there is always the possibility of loss of human life when a dam fails; this classification system does not account for the possibility of people occasionally passing through an inundation area which is usually unoccupied (e.g. occasional recreational users, daytime user of downstream lands, etc.)

The **state classification system** is based upon the type and number of structures downstream from a dam. An inventory of all the dams of the state was done in the late 1970s and early 1980s, according to Glenn Lloyd, Civil Engineer and Dam Safety Inspector with the Dam Safety Program of the MO Department of Natural Resources (DNR). All of the known dams were classified by the state at that time.

A summary of the federal and state classification systems, how the two systems relate to each other, and inspection requirements for regulated dams is shown in Figure 4.28.

Table 3.27         Dam Hazard Classification Systems									
Federal (NID)     State (MoDNR)									
Criterion	Classification	Downstream Environment	Inspection Requirement (Regulated Dams)						
	Class 1	10 or more permanent dwellings; or any public building	Every 2 years						
Probable loss of human life	Class 2	1-9 permanent dwellings; or 1 or more campgrounds with permanent water, sewer and electrical services; or one or more industrial buildings	Every 3 years						
No probable loss of human life but potential economic loss, environmental damage, disruption of lifeline facilities or other impact of concern	Class 2	Eventhing also	Europe 5 upper						
No probable loss of human life; low economic and/or environmental loss; loss principally limited to owner's property	Class 3	Everytning else	Every 5 years						
	Federal (NID)         Criterion         Probable loss of human life         No probable loss of human life         but potential economic loss, environmental damage, disruption of lifeline facilities or other impact of concern         No probable loss of human life; low economic and/or environmental loss; loss principally limited to owner's	Federal (NID)ClassificationCriterionClassificationProbable loss of human lifeClass 1Probable loss of human lifeClass 2No probable loss of human life but potential economic loss, environmental damage, disruption of lifeline facilities or other impact of concernClass 3No probable loss of human life; low economic and/or environmental loss; loss principally limited to owner'sClass 3	Federal (NID)State (MoDNR)CriterionClassificationDownstream EnvironmentProbable loss of human lifeClass 110 or more permanent dwellings; or any public buildingProbable loss of human lifeClass 21-9 permanent dwellings; or 1 or more campgrounds with permanent water, sewer and electrical services; or one or more industrial buildingsNo probable loss of human life but potential economic loss, environmental damage, disruption of lifeline facilities or other impact of concernClass 3No probable loss of human life; low economic and/or environmental loss; loss principally limited to owner'sClass 3						

## Dam Regulation in Missouri

Pursuant to Chapter 236 of the Revised Statutes of Missouri, a dam must be 35 feet or higher to be state regulated; regulation makes a dam subject to permit and inspection requirements. For regulated dams, the state classification system dictates the required inspection cycle. According to the Association of State Dam Safety Officials, 5,113 dams in Missouri have been classified and only 685 are regulated by the state.

The inspection cycle for regulated dams allows for a regulated dam's classification to be updated when appropriate. Classification is a dynamic system; development can easily change the situation downstream. A regulated dam in Missouri would have its classification appraised at least once every 5 years.

The DNR National Dam Inventory database lists 126 dams in Boone County; one of these (Moon Valley Lake Dam) is no longer in existence due to failure. The database reflects only the known dams; a dam less than 35 feet in height which was built since the inventory was taken some 30 years ago may not appear in the database. One additional dam (McNew Lake Dam) was brought to the attention of the hazard planning committee; it is located outside of Hartsburg.

Table 3.28									
State Classification and Regulation of Dams in the planning area									
	State								
	1	2	3	NA	Total				
Regulated	4	10	3	0	17				
Non-regulated	34	6	69	0	109				
Total dams	47	7	72	0	126				

Of the known dams, only seventeen are regulated by the state (Figure 4.29).

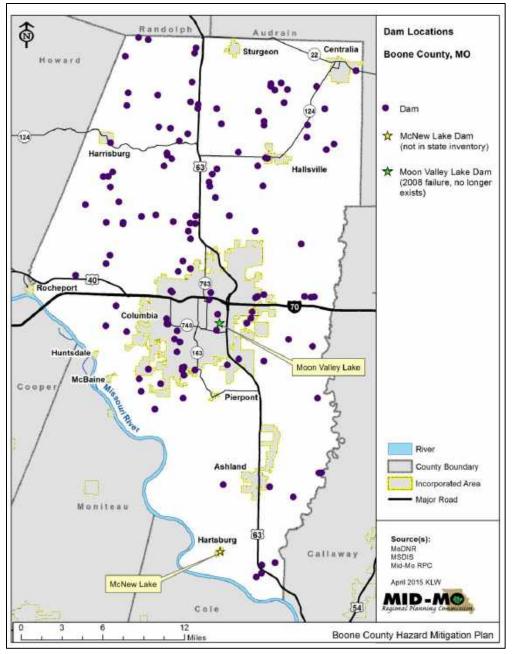
One must use caution in assuming the classifications of non-regulated dams are currently accurate. It is very probable that, for most of the non-regulated dams, the classification does not take into account almost 30 years of development and change in Boone County.

# **Geographic Location**

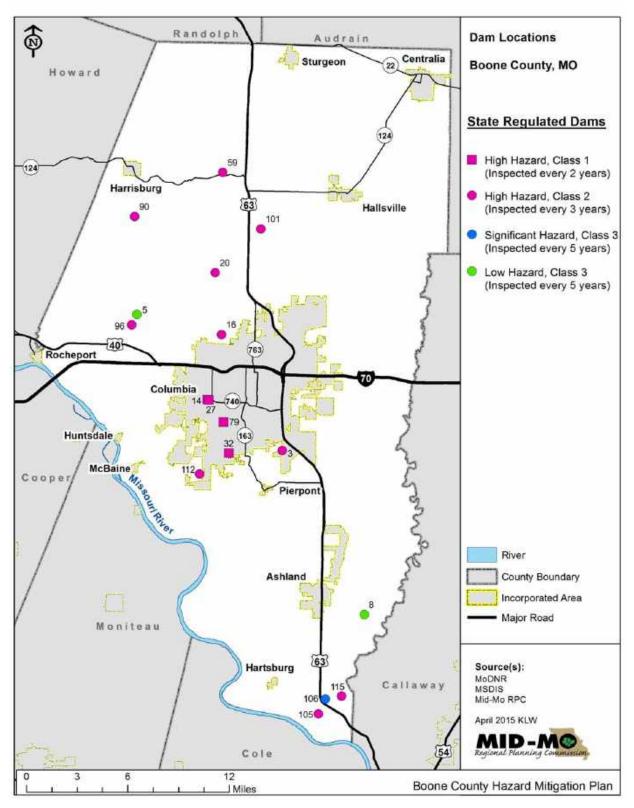
The locations of dams in the planning area are shown in the following series of maps and associated data charts:

- An overview of all known dams in the planning area (Figure 3.16)
- State Regulated dams (Figures 3.17)
- Non-regulated dams (Figures 3.18)
- Non-regulated dams in the City of Columbia (Figure 3.19)
- Dams located in or near other incorporated communities (Figure 3.20)

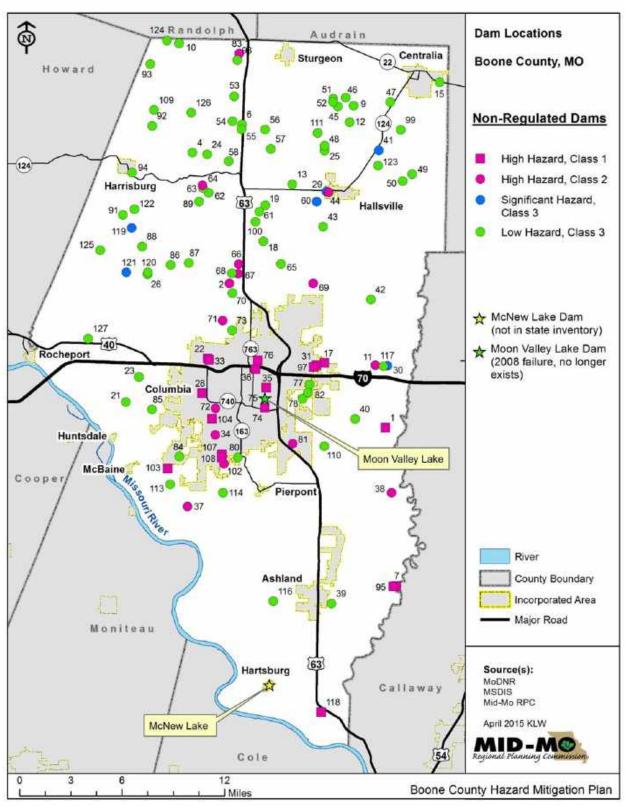
Figure 3.16













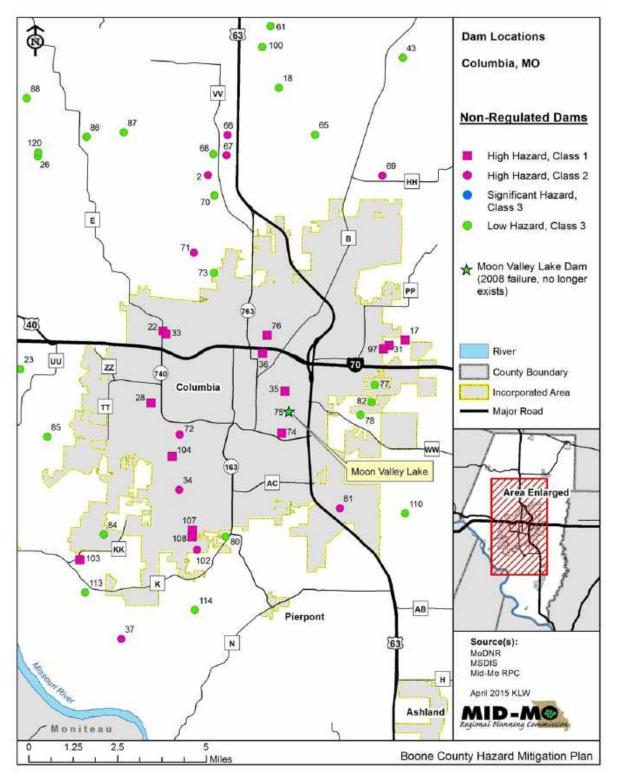


Table 3.29 Dam Summary

DAM NAME	RIVER	Nearest Downstream City	DISTANCE to Nearest City	Dam Owner	Dam Height	Normal Storage (Acre-ft)	Emergency Action Plan (EAP)	Last Inspection Date
	TR-LITTLE CEDAR		0		- 21	102		5/21/1070
LAKE CHATEAU DAM	CREEK	COLUMBIA	9	LAKE CHATEAU INC	31	183	NR	5/31/1979
COUNTY DOWNES LAKE DAM	TR ROCKY FORK	MCBAINE	13	COUNTY DOWNS HOME.ASSOC.	30	275	NR	
				THE CITY OF				
PHILIPS PARK LAKE DAM	TR-CLEAR CREEK	COLUMBIA	5		46	653	Y	4/26/2016
		CEDAR		ELIZABETH				
WINDMILLER DAM #1	TR-CEDAR CREEK	CITY	20		30	260	NR	5/31/1979
	TR LITTLE CEDAR	JEFFERSON		UNIVERSITY OF				
TURKEY FARM LAKE DAM	CREEK	CITY	28		20	78	NR	
	TR COUNTY HOUSE		0	LAKESHORE				
HULEN LAKE WEST DAM	BRANCH	COLUMBIA	0		50	255	Y	4/26/2016
ROEMER'S LAKE DAM	TR COW BRANCH	MCBAINE	10	ROEMER FAMILY LLC	37	277	Y	4/6/2016
WELCH LAKE DAM	HOMINY BRANCH	COLUMBIA	2	EDW,INC.	22	49	NR	3/10/1981
BOCO MO DAM	TR-SLACKS BR CR	COLUMBIA	8		39	759	Y	3/20/2018
COLUMBIA MUN GOLF	TRIBUTARY TO							
COURSE LOWER L. DAM	HARMONY CREEK	MCBAINE	0	CITY OF COLUMBIA	15	9	NR	9/13/1978
	TR COUNTY HOUSE			LAKESHORE				
HULEN LAKE EAST DAM	BRANCH	COLUMBIA	0	ESTATES	50	171	Y	4/26/2016
	TR-COUNTY HOUSE			FAIRVIEW LAKE				
FAIRVIEW LAKE DAM	BRANCH	COLUMBIA	0	ASSOCIATIO	34	25	NR	4/13/1978
HAGAN LAKE DAM	HOMINY BRANCH	COLUMBIA	0	DAN HAGAN	19	66	NR	6/3/1980
	TR-LITTLE BONNE							
CEDAR LAKE DAM	FEMME CREEK	EASLEY	0		42	188	Y	7/5/2017
COLUMBIA MUM. GOLF				COLUMBIA PARK &				
COURSE DAM	TR-HARMONY CREEK	COLUMBIA	0	-	17	29	NR	9/13/1978
COUNTRY CLUB OF MO LAKE				COUNTRY CLUB OF				
DAM	TR-MILL CREEK	COLUMBIA	0		30	69	NR	
STEPHENS LAKE DAM	TR HINKSON CREEK	COLUMBIA	0	A	23	63	NR	7/11/1980
MOORES LAKE DAM	TR-BEAR CREEK	COLUMBIA	0	CITY OF COLUMBIA	30	51	NR	7/11/1980

SMITH HATCHERY LAKE DAM	TR-MAYHAN BR	EASLEY	0	SMITH HATCHERY	25	40	NR	
		JEFFERSON						
GINN LAKE DAM	TR-CEDAR CREEK	CITY	0	STANLEY GINN	30	80	NR	
COUNTRY BOY ESTATES LAKE DAM				COUNTRY BOY ESTATES				
2	TR-SILVER FORK	MCBAINE	0	НОА	37	32	Υ	3/7/2017
LEWIS LAKE NORTH DAM	TR-REEDER CR	MCBAINE	0	MARY A LEWIS	25	100	NR	
WALNUT CREST LAKE DAM	TR-ROCKY FORK CR	MCBAINE	0	WALNUT CR/M P RINES	25	22	NR	
WEIL LAKE DAM	TR-ROCKY FORK CREEK	MCBAINE	14	GARY WEIL	25	25	NR	
SELTSAM LAKE DAM	TR-HINKSON CREEK	COLUMBIA	2	DARRELL SELTSAM	25	20	NR	
RAYFIELD LAKE DAM	TR-ROCKY FORK CREEK	MCBAINE	0	RAYMOND WIGGINS	25	20	NR	
MILLS LAKE DAM	TR-HINKSON CREEK	COLUMBIA	0	THOMAS L MILLS	30	22	NR	
LAKE CYRENE DAM	TR-HINKSON CREEK	COLUMBIA	0	LAKE CYRENE, INC.	25	50	NR	3/11/1981
MOON VALLEY LAKE DAM	HOMINY BRANCH	COLUMBIA	0	E.L. ROGERS	18	74	NR	3/11/1981
SHADY LAKE DAM	BEAR CREEK	COLUMBIA	0	DOROTHY M. CLARY	26	49	NR	6/2/1980
WOODRAIL LAKE DAM	HINKSON CREEK	HINKSON	7	KYLE E RUSSELL	54	324	Y	6/2/2016
				UNIVERSITY OF				
UNIV OF MO-R1 DAM	TR GANS CREEK	WILTON	0	MISSOURI	18	60	NR	
TINCHER LAKE NORTH DAM	TR-LICK FORK	MCBAINE	0	HUGH TINCHER	25	35	NR	
				CALLAHAN CR WTRSD				
CALLAHAN CREEK A-1	CALLAHAN CR	MCBAINE		SUBDST	35	77	Y	8/12/2015
				ELIZABETH				
WINDMILLER DAM #2	TR-CEDAR CREEK	CEDAR CITY	20	WINDMILLER	20	67	NR	5/31/1979
				CALLAHAN CR WTRSD				
CALLAHAN CREEK C-2	BARCLAY BR	MCBAINE		SUBDST	54	55	Υ	5/7/2015
				WATERS EDGE ESTATES				
WATERS EDGE ESTATES LAKE DAM	HOMINY BRANCH	COLUMBIA	4	INC.	25	122	NR	7/12/1980
FINGER LAKES DAM SOUTH	ROCKY FORK CK.	COLUMBIA	17	MO. DNR PARKS	44	398	Υ	7/15/2014
				HIGHLAND PROPERTIES				
HIGHLANDS LAKE DAM	ROCK CREEK	COLUMBIA	0	CO.	34	57	NR	7/16/1986
				<b>B &amp; C SUBDIVISION</b>				
<b>B &amp; C SUBDIVISION DAM</b>	PERCHE CREEK	MCBAINE	2	CORP	34	431	NR	
				LIMERICK HEIGHTS,				
LIMERICK LAKE DAM	TRIBUTARY HINKSON	COLUMBIA	6	INC.	31	21	NR	
	UNNAME TRIB TO							
CLAYSVILLE LAKE DAM	MO.RIVER	CLAYSVILLE	1		42	273	Υ	1/25/2018
				INNOVATIVE MGT &				
HIGHLANDS LOWER LAKE DAM	TRIB TO CEDAR CREEK	COLUMBIA	7	INVESTM	30	40	NR	

				INNOVATIVE MGT &				
HIGHLANDS SOUTH LAKE DAM	TRIB TI CEDAR CREEK	COLUMBIA	7	INVESTM	30	10	NR	
				ARROWHEAD LAKE EST				
ARROWHEAD LAKE DAM		COLUMBIA	0	Н/О	37	382	Y	4/6/2016
LAKE CHAMPETRA DAM	TR, TO CEDAR CREEK	CEDAR CITY	0	LAKE CHAMPETRA HOA	60	1530	Y	6/2/2016
DEMARCO LAKE DAM	TR-MISSOURI RIVER	CLAYSVILLE	2	GUY DEMARCO	31	26	NR	7/1/1980

Sources: Missouri Department of Natural Resources, <a href="https://dnr.mo.gov/geology/wrc/dam-safety/damsinmissouri.htm">https://dnr.mo.gov/geology/wrc/dam-safety/damsinmissouri.htm</a> and National Inventory of Dams, <a href="https://nid.usace.army.mil/cm\_apex/f?p=838:12">https://nid.usace.army.mil/cm\_apex/f?p=838:12</a>. Contact the MoDNR Dam and Reservoir Safety Program at 800-361-4827 to request the inundation maps for your county to show geographic locations at risk, extent of failure and to perform GIS analysis of those assets at risk to dam failure.

### Strength/Magnitude/Extent

The speed of onset of a dam failure can vary considerably. In most cases, regular inspections, either formal or informal, will promote a longer period of onset and allow for possible mitigation. Unfortunately, the current lack of required dam inspections increases the likelihood of dam conditions being ignored by owners – a situation which promotes a quicker speed of onset and an increased threat from the hazard.

The extent of hazard which a dam failure poses is also influenced by the reservoir size.

### **Previous Occurrences**

Boone County experienced its first widely known dam failure in March 2008 when Moon Valley Lake Dam in Columbia failed. This 18-foot-high dam had been built in 1964; it drained 2,100 acres and had a 13-acre reservoir according to the DNR database.

Moon Valley Lake Dam was classified as high hazard according to the federal classification system and Class 1 in the state classification; however, there was no loss of life with the dam failure. This may be partially attributable to the fact that Moon Valley Lake was silted in and the main release from the dam failure was silt. Silt from the lake went down the Hominy Branch into the Hinkson Creek. The added silt has caused greater flooding problems on the Hinkson Creek since the time of the dam failure. The City of Columbia estimated the cost of removing the sediment and stabilizing about 2,000 feet of the stream bank to be in the vicinity of \$400,000.

Figure 3.20



In addition to the Moon Valley Lake Dam failure, the NOAA database reports the failure of a "small earthen dam on a neighborhood lake" in southern Boone County on August. 18, 2002. This resulted in the flooding of streets and some basements and a minor injury from an electrical shock in a flooded basement.

In late October 2009, there was a near

failure of Renn's Lake Dam in neighboring Cole County. The dam's structure had been weakened by tree roots and heavy rainfall caused a 15-foot section of the earthen dam to erode. Emergency crews and volunteers were able to relieve the pressure on the dam and avert complete failure by pumping thousands of gallons of water out of the lake. The failure or near failure of two dams in central Missouri within two years has highlighted this potential hazard in the region.

Boone and Cole Counties are not the only counties in Missouri to experience dam failures. According to the Missouri State Hazard Mitigation Plan (2007), Missouri has the largest number of manmade dams in any state. The Stanford University's National Performance of Dams Program documented 16 dam failures in Missouri between 1975 and 2001.

More recently, there was a huge dam failure which destroyed Johnson Shut-Ins State Park in Reynolds County. On December 14, 2005, the AmerenUE's Taum Sauk reservoir dam at their hydroelectric complex failed; 1.5 billion gallons of water were released into the park in 10 minutes. There was no loss of life, even though the superintendent's family was swept out of their home. However, if this failure had occurred during the summer when the popular park has many visitors, it could have resulted in a catastrophic loss of life.

All of these dam failures indicated that this is a serious problem which needs attention. Many of Missouri's smaller dams are becoming a greater hazard as they continue to age and deteriorate. While hundreds of them need to be rehabilitated, lack of available funding and often questions of ownership loom as obstacles difficult to overcome.

# **Probability of Future Events**

Based on known historical occurrences, there have been two dam failures in the planning area since 2002, one in unincorporated Boone County and one in Columbia. This gives a probability of 5.5% (1/18\*100) for these jurisdictions where the failing dams were located. The probabilities for the other jurisdictions are either low, if they have dams, or nonexistent if they are not vulnerable to the hazard.

McNew Lake Dam, located within the Village of Hartsburg, is not currently considered to pose much of a threat for a number of reasons, according to village officials. Physically, the dam has a wide base with a low angled slope; a metal culvert, approximately 3 feet wide, allows for overflow. Driving is not allowed on top of the dam. The dam owner is responsible in maintain the dam and cooperates well with the City Council.

Probability: Moderate – Boone County (unincorporated), Columbia Low – Centralia, Hallsville, Hartsburg Not applicable – all other participating jurisdictions

# **Changing Future Conditions considerations**

The future of climate change on dam failure is largely tied to future precipitation events. Since precipitation is predicted to increase in the future with potential for more vigorous rainfall events, this creates an elevated risk of flooding and pressure on dams and spillways to handle the extra water amounts. This elevated pressure brings about the importance for regular inspections and maintenance, as well as the need for engineering with higher flood levels in mind.

#### VULNERABILITY

#### VULNERABILITY OVERVIEW

Many incorporated and unincorporated areas of Boone County are vulnerable to the effects of dam failure. A dam failure in Boone County could range from very minimal environmental damage to a significant loss of life and infrastructure. All impacts are dependent upon several variables: water, debris, people, and structures.

Fifty-two (52) dams in Boone County are considered to pose a high hazard should there be a dam break. Of these dams, forty-one (41) of them are not regulated by the state and thus not subject to inspection requirements. The Missouri State Hazard Mitigation Plan (2007) quoted Jim Alexander, chief engineer for the DNR's Dam Safety Program, who says that many of the non-regulated dams have gone without inspections for years. "There are accidents out there waiting to happen," he notes.

The Dam Inventory for the state of Missouri was compiled in the late 1970's to early 1980's. Of the High Hazard dams in Boone County, 31 are non-regulated. Only half of those 31 non-regulated dams have ever been documented as having been inspected; one was inspected in 1997 and all others were inspected between 1979 and 1986. This presents two main problems. First, it has been more than 20 years since most of the non-regulated High Hazard dams have been inspected, not counting the ones that were never inspected. Second, because these are *non-regulated* dams, the state has no jurisdiction over maintenance. These two issues lead to the overall problem of dam location and development downstream.

State regulated dams are classified by what lies downstream of the dam and what will be impacted by the failure of that dam. Non-regulated dams received their classifications nearly 30 years ago or more and development that occurs downstream is not monitored by any agency; this potentially puts the public at risk. Also, development upstream that might increase the contents held by the dam can cause failure. Because there is no entity in charge of non-regulated dams, the original classifications for these dams may not be correct. Some dams may not exist anymore while others may pose a greater downstream threat than their classifications indicate.

While evaluating the state dam inventory list and comparing it to 2009 aerial images of the planning area a few locations were found to be inconsistent with the Missouri Department of Natural Resources database.

The following dam is listed as High Hazard according to the state database, but according to 2009 aerial imagery they no longer exist or hold water: Moon Valley Lake Dam (non-regulated)

McNew Lake Dam, located within the Village of Hartsburg, does not appear in the state inventory of dams. Because of its close proximity and position uphill from several residences in the community, this dam should be viewed as "High Hazard". This dam has been included in all maps.

Hallsville has both a non-regulated high hazard dam and a non-regulated significant hazard dam within its corporate boundaries. Centralia has a non-regulated low hazard dam just at the edge of the city; it would drain towards Centralia if a failure would occur.

Note that ratings for dam failure are based on estimates of homes that lie within a half mile downstream of a high hazard dam. Due to the current lack of inundation studies, dam failure estimates are not exact and may change when proper inundation data is collected. Again, inundation information is not available to accurately quantify vulnerability.

Severity: Moderate – Boone County, Columbia, Hallsville, Hartsburg Low – Centralia Not applicable - all other participating jurisdictions

# **Potential Impact – Life**

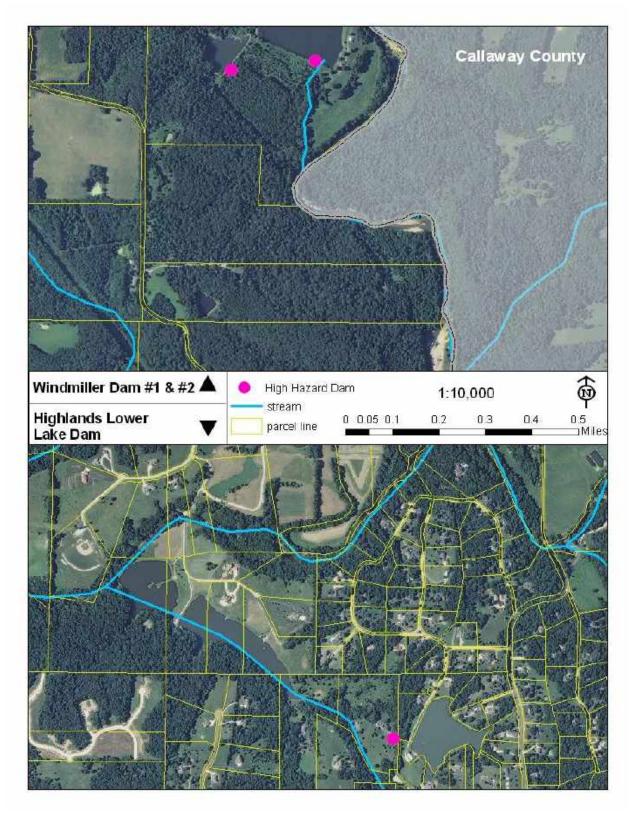
There is the very real danger of injury or loss of life with a dam failure event. This threat is recognized and built into the dam classification system.

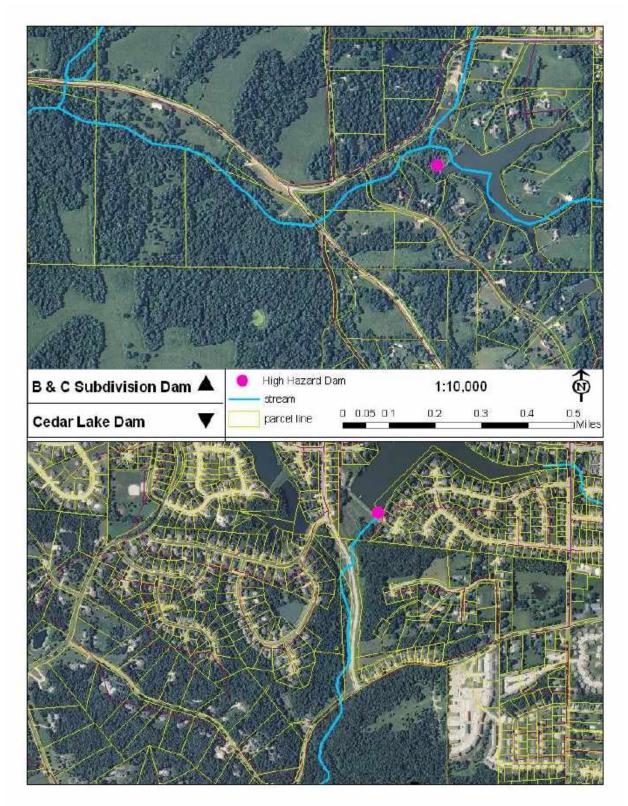
## **Potential Impact - Existing Structures**

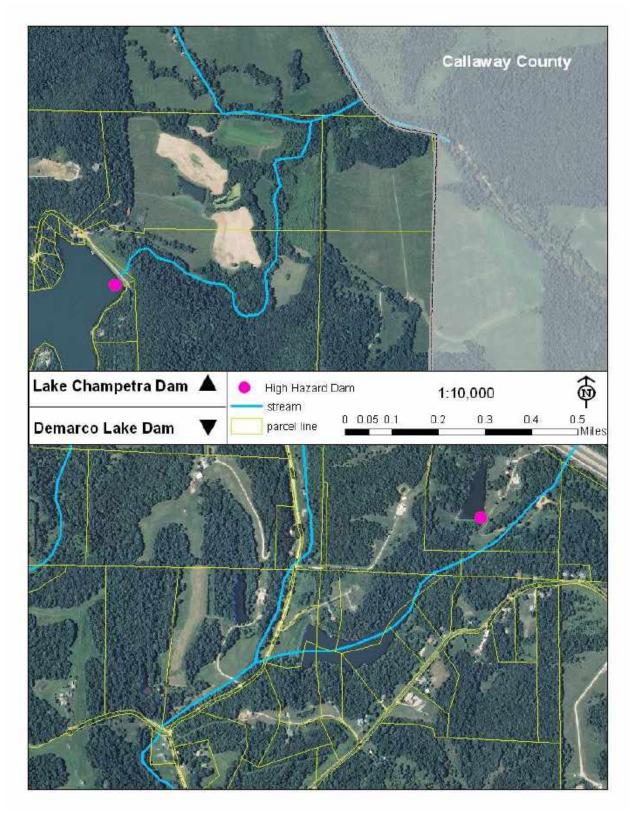
The potential impact on structures downstream from a dam failure directly correlates to the amount of water and/or debris that is behind the dam. As previously discussed, it is important to take into account the age of the data that has been compiled on state regulated and non-regulated dams in the county and in the state. Because data on non-regulated dams was collected in the late 1970's and early 1980's it is not necessarily reliable to use when looking at possible areas of impact.

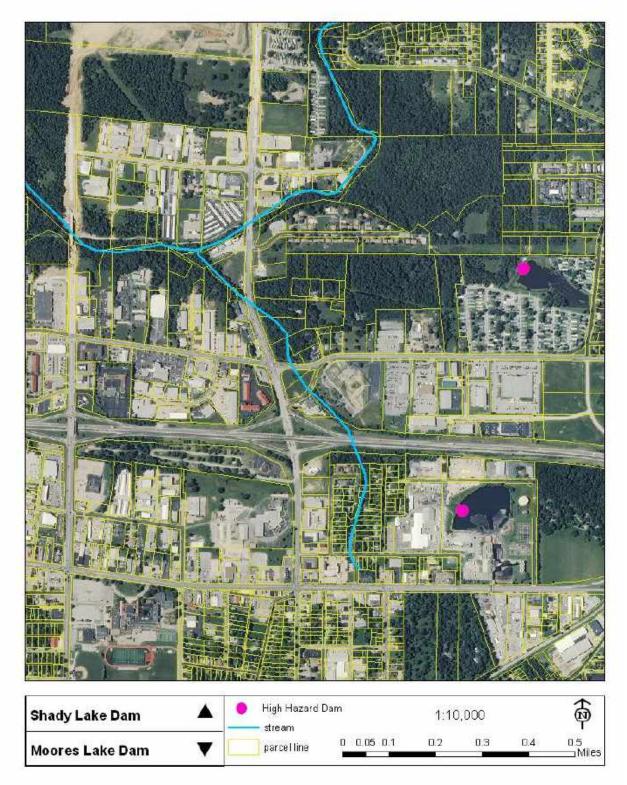
Table 3.30	A			
Lo	ocation Guide for Aerial View Maps of High Haz	ard Dams		
Map ID #	Dam Name	Figure 4.37		
103	B & C Subdivision Dam	С		
20	BOCO Mo Dam	J		
32	Cedar Lake Dam	С		
22	Columbia Municipal Golf Course Lower Dam	Ι		
33	Columbia Municipal Golf Course Upper Dam	Ι		
118	Demarco Lake Dam	D		
28	Fairview Lake Dam	F		
31	Hagan Lake Dam	K		
107	Highlands Lake Lower Dam	В		
27	Hulen Lake East Dam	F		
14	Hulen Lake West Dam	F		
115	Lake Champetra Dam	D		
1	Lake Chateau Dam	G		
74	Lake Cyrene Dam	К		
104	Limerick Lake Dam	Ι		
128	McNew Lake Dam	L		
36	Moores Lake Dam	Е		
3	Philips Park Lake Dam (Perry Philips Dam)	G		
76	Shady Lake Dam	Е		
35	Stephens Lake Dam	Н		
97	Waters Edge Estates Lake Dam	K		
17	Welch Lake Dam	K		
7	Windmiller Dam #1	В		
95	Windmiller Dam #2	В		
79	Woodrail Lake Dam	Ι		

The downstream areas and parcels within a half mile of the State Hazard Class 1 dams and a number of the State Hazard Class 2 dams in the planning area have been mapped (Figures 3.21A-K). All figures were created using the same scale.

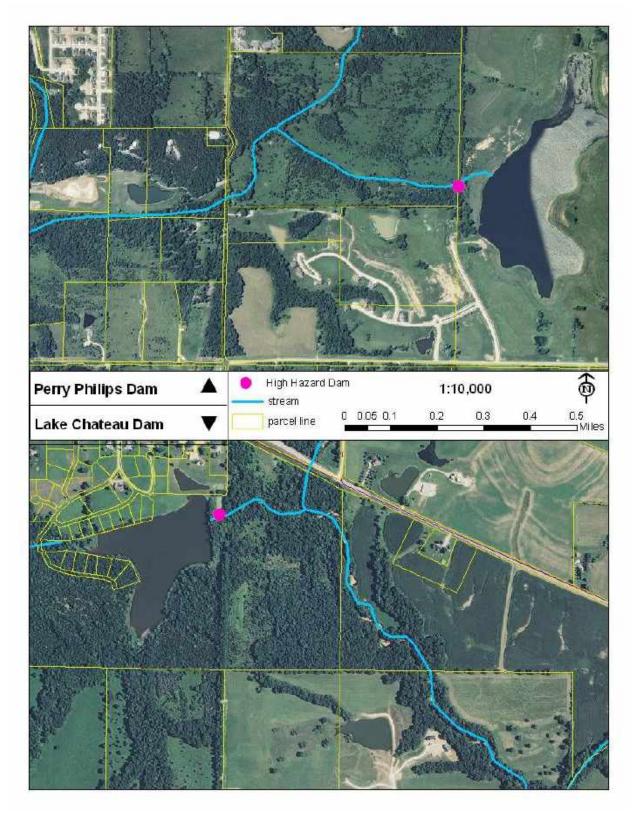


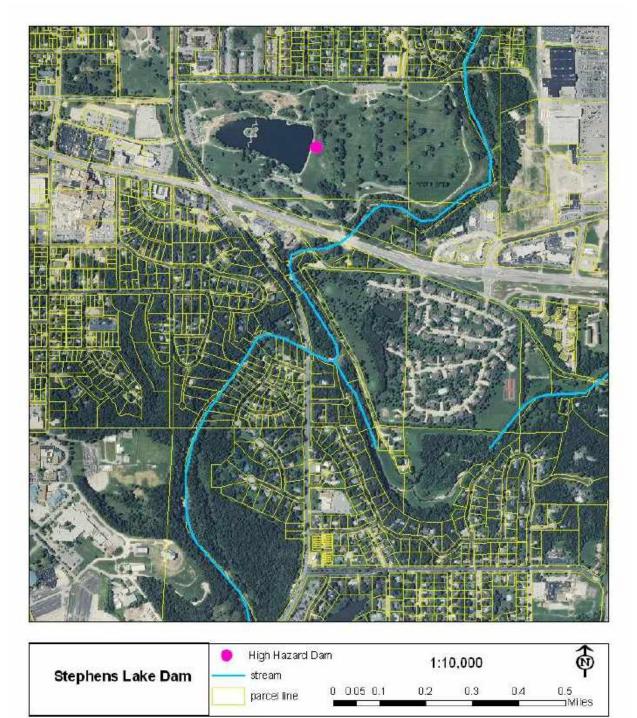


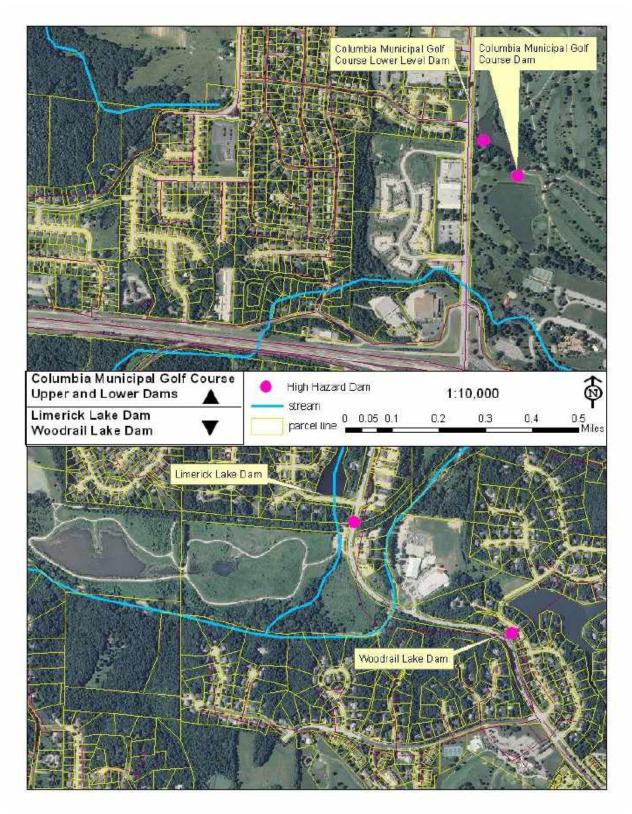


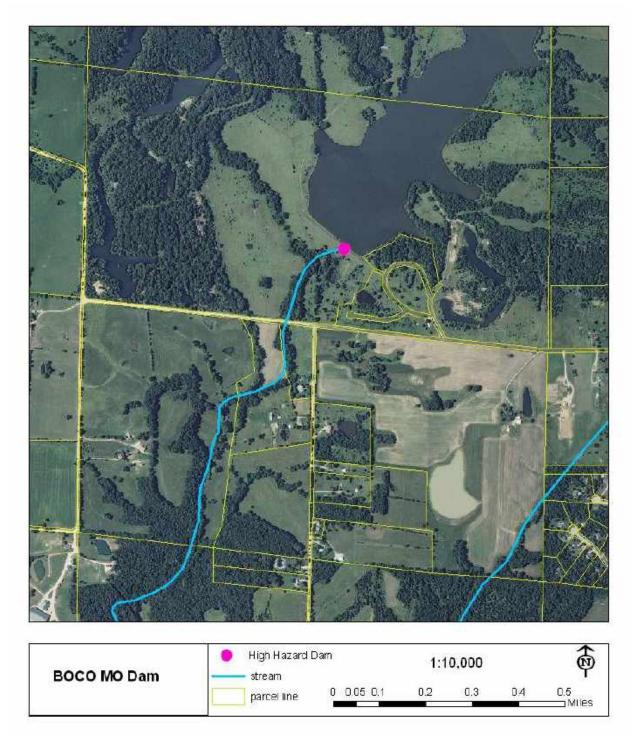


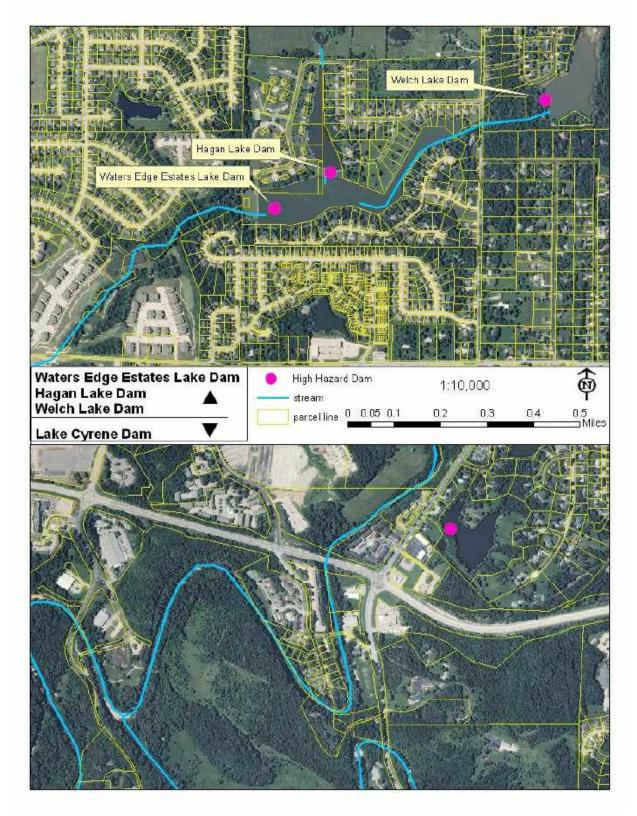




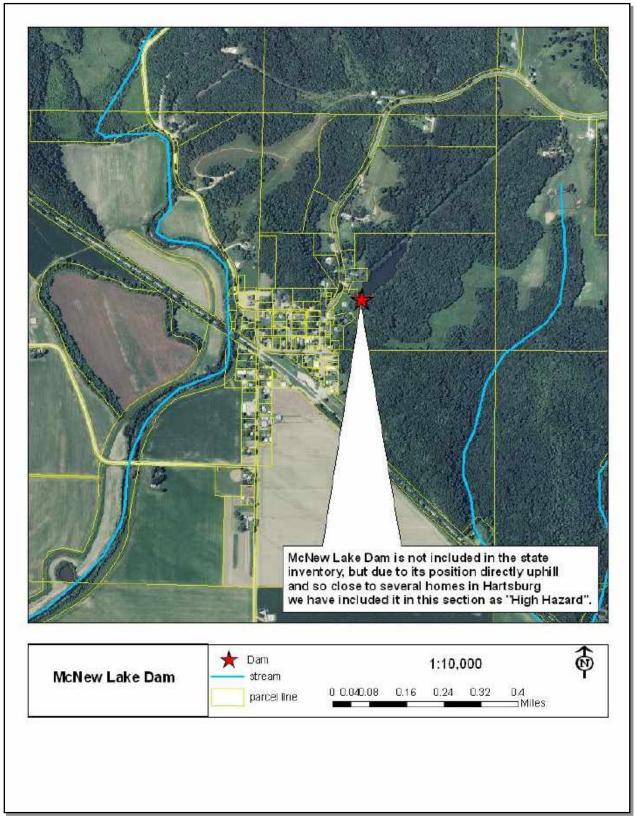












#### **Impact - Future Development**

Since many dams in Boone County are privately owned and not regulated by the state, the dangers of development below aging or unsafe dams is an issue that needs to be addressed. If development occurs without knowledge of a potentially unsafe dam upstream, both lives and the development are put in jeopardy.

Better information for the inundation areas of the state regulated high hazard dams will be available in the near future. Inundation studies are being carried out by the Natural Resources Conservation Service's Water Resources Center and Emergency Action Plans (EAPs) are being written for the dams; this project is nearing completion. Future federal funding of state dam safety programs will be linked to the completion of these EAPs for regulated dams. As of this update EAPs have been written for all of the state regulated high hazard dams in the planning area.

#### **Existing Mitigation Activities**

State regulated dams are inspected, according to classification, through the Dam Safety Program of the DNR.

Boone County updated its subdivision regulations in May 2014 to include the following regulations on Dams:

Dams to be constructed in excess of 25 feet tall within or adjacent to any subdivision or development must be designed by a registered professional engineer and built in accordance with accepted engineering standards and existing dams shall be certified by a registered professional engineer as safe for inhabitants within or near the subdivision. Design and as-built drawings for any newly constructed dam in excess of 25 feet tall shall be submitted to the County engineer for permanent county records. Roads may not be constructed on dams except upon review and approval of the County engineer. Dams in excess of 35 feet tall shall be inspected and approved by the Missouri Department of Natural Resources or other governmental regulatory agency having jurisdiction prior to the issuance of any building permits for lots situated below the lake formed by such dam. The provisions for maintenance and supervision of common lands contained in this Appendix shall be applicable to all dams within or adjacent to subdivisions or developments when owned or controlled by the subdivider.

The provisions for maintenance and supervision of common lands referred to are found in Section 1.4 and read as follows:

When common land is to be included in or adjacent to a subdivision or development, a private trust agreement shall be recorded concurrently with the plat which shall provide for the proper and continuous maintenance and supervision of said common land by a trustee and payment for such maintenance and supervision by means of annual or more frequent assessments against lots and provision for assessment secured by assessment liens enforceable by foreclosure. No common land shall be dedicated to public use or otherwise conveyed to the public or any public agency or other public or private entity without recorded contractually binding agreement conferring financial responsibility and liability for maintenance and supervision of such common land with any such agency or entity.

The Dam Safety Program is offering to assist County Emergency Management Agencies who are interested in having EAPs written for non-regulated high hazard dams. If the county is able to

persuade dam owners to participate, Dam Safety Program personnel will attend a County-hosted meeting and explain the EAP template to the dam owners. It would then be the responsibility of the EMA to conduct follow up. Boone County has included an action in the mitigation strategy to promote the writing of these EAPs.

# HAZARD SUMMARY BY JURISDICTION

The jurisdictions of Boone County, Centralia, Columbia, Hallsville, and Hartsburg are all vulnerable to dam failure. There are 126 known dams in the planning area; of these, only 17 are regulated by the state. (A dam must be 35 feet or higher to fall under state regulations.) The rest of the 126 dams do not fall under any regulatory authority.

Boone County, Columbia, Hallsville, and Hartsburg all have high hazard dams which would affect their jurisdictions if failure occurred. (The high hazard classification indicates the presence of permanent dwellings in the downstream environment and the probable loss of human life from dam failure.) The non-regulated dam situated on the city limits of Centralia poses less of a threat due to its downstream environment.

The Dam Safety Program of the Missouri Department of Natural Resources has been working with the owners of state regulated high hazard dams to develop Emergency Action Plans (EAPs). These plans are a great aid for local governments in planning for growth and development.

A major looming issue remains concerning the unregulated dams in the planning area. The data for unregulated dams in the DNR National Dam Inventory, including their ownership and hazard classification, dates back to the late 1970s and early 1980s. A high number of these unregulated dams are in Boone County and Columbia where the pace of growth and development is strong; their classifications may not accurately reflect current downstream conditions. In addition, there is a lack of knowledge of the physical condition and maintenance of these dams.

The DNR Dam Safety Program has offered to assist county governments in conducting meetings for owners of non-regulated dams who are interested or willing to develop EAPs. A mitigation action has been included in this plan for the jurisdiction of Boone County to follow up on this offer and work with the owners of these dams.

In 2014, Boone County updated its subdivision regulations to regulate the construction and maintenance of new dams greater than 25 feet in height located within or adjacent to new subdivisions or developments. These regulations will help mitigate the risk posed by some new dams in the future.

# **Problem Statement**

Much like flash flooding, the risk in a dam failure to life and property comes from the sudden rush of water downstream. Development in the Columbia area and parts of Boone County pose the highest risk. Dams such as Hulen Lake Dam that have dense subdivisions built up around them threaten several structures and populations if a failure was to occur.

Many dams in the planning area are not regulated and inspections may be infrequent or not at all. Boone County already has regulations in place for new dams over 25 ft. Continued review of such regulations and making sure that businesses and residents downstream from such dams have access to any emergency plans that maybe available for the particular dam that could affect them.

# EARTHQUAKE

## **Hazard Profile**

#### **Hazard Description**

The United States Geological Society (USGS) describes an earthquake as "a sudden movement of the earth's crust caused by the release of stress accumulated along geologic faults or by volcanic activity." Earthquakes can be one of the most destructive forces of nature causing death, destruction of property, and billions of dollars of damage.

The New Madrid Seismic Zone (NMSZ), which runs through southeastern Missouri, is the most active seismic zone east of the Rocky Mountains. Any hazard mitigation planning in Missouri must, of necessity, take possible earthquakes into account.

Missouri and much of the Midwest can feel earthquakes from very far away because the geology of the area is more amenable to ground shaking than the California geology. New Madrid earthquakes can cover up to twenty times the area of typical California earthquakes because of this differing geology.

#### **Geographic Location**

The entire planning area is at risk for the effects of an earthquake along the New Madrid Seismic Zone. Areas close to the Missouri River may be particularly vulnerable. The soil, or alluvium, along river channels is especially vulnerable to liquefaction from earthquake waves; river alluvium also tends to amplify the waves. While the Nemaha Ridge runs through Kansas and Oklahoma seismic activity along this ridge does not overly impact the planning area.

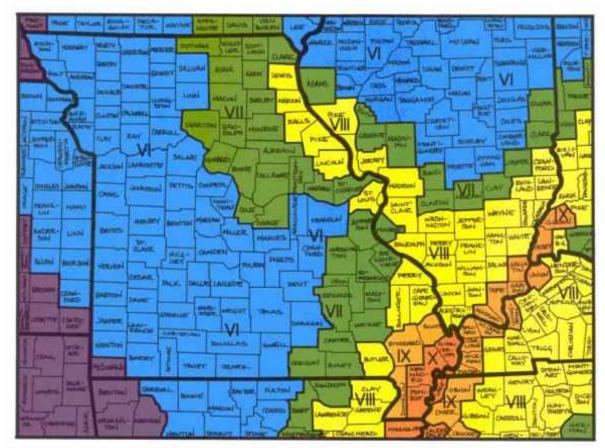


Figure 3.22: Seismic Zones

This map shows the highest projected Modified Mercalli intensities by county from a potential magnitude - 7.6 earthquake whose epicenter could be anywhere along the length of the New Madrid seismic zone.

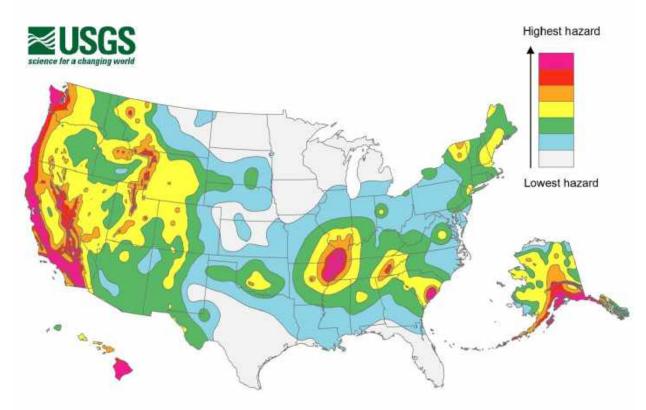


Source: https://sema.dps.mo.gov/docs/EQ\_Map.pdf

Figure 4.38	
	Modified Mercalli Intensity Scale
I. Instrumental	Not felt by many people unless in favorable conditions.
II. Feeble	Felt only by a few people at best, especially on the upper floors of buildings. Delicately
	suspended objects may swing.
	Felt quite noticeably by people indoors, especially on the upper floors of buildings.
III. Slight	Many do not recognize it as an earthquake. Standing motor cars may rock slightly.
	Vibration similar to the passing of a truck. Duration estimated.
	Felt indoors by many people, outdoors by few people during the day. At night, some
IV. Moderate	awakened. Dishes, windows, doors disturbed; walls make cracking sound. Sensation
	like heavy truck striking building. Standing motor cars rock noticeably. Dishes and
	windows rattle alarmingly.
	Felt outside by most, may not be felt by some outside in non-favourable conditions.
V. Rather Strong	Dishes and windows may break and large bells will ring. Vibrations like large train
	passing close to house.
	Felt by all; many frightened and run outdoors, walk unsteadily. Windows, dishes,
VI. Strong	glassware broken; books fall off shelves; some heavy furniture moved or overturned; a
	few instances of fallen plaster. Damage slight.
	Difficult to stand; furniture broken; damage negligible in building of good design and
VII. Very Strong	construction; slight to moderate in well-built ordinary structures; considerable damage
the toty of ong	in poorly built or badly designed structures; some chimneys broken. Noticed by people
	driving motor cars.
	Damage slight in specially designed structures; considerable in ordinary substantial
VIII. Destructive	buildings with partial collapse. Damage great in poorly built structures. Fall of
	chimneys, factory stacks, columns, monuments, walls. Heavy furniture moved.
	General panic; damage considerable in specially designed structures, well designed
IX. Ruinous	frame structures thrown out of plumb. Damage great in substantial buildings, with
	partial collapse. Buildings shifted off foundations.
X. Disastrous	Some well built wooden structures destroyed; most masonry and frame structures
	destroyed with foundation. Rails bent.
XI. Very Disastrous	Few, if any masonry structures remain standing. Bridges destroyed. Rails bent greatly.
	Total damage - Almost everything is destroyed. Lines of sight and level distorted.
XII. Catastrophic	Objects thrown into the air. The ground moves in waves or ripples. Large amounts of
	rock may move position.
Source: http://en.wikipedia.	org/wiki/Mercalli_intensity_scale

# Figure 3.23: Projected Earthquake Intensities

The below map shows the seismic hazards across the United States. The planning area located in the center of the United States is included in zone VII, which is displayed in green.



# Figure 3.24: United States Seismic Hazard Map

Source: United States Geological Survey at https://earthquake.usgs.gov/hazards/hazmaps/conterminous/2014/images/HazardMap2014\_1g.jpg

# Strength/Magnitude/Extent

The magnitude of an earthquake is a measurement of the actual energy released by the quake at its epicenter. In the U.S., it is commonly measured by the Richter Scale denoted with an Arabic numeral (e.g. 4.0).

Earthquakes along the New Madrid Seismic Zone with magnitudes around 6.0 or greater would be of concern for the planning area.

# **Previous Occurrences**

Historical quakes along the New Madrid Seismic Zone in southeastern Missouri have been some of the largest in U.S. history since European settlement. The Great New Madrid Earthquake of 1811-1812 was a series of over 2000 quakes which caused destruction over a very large area. According to information from Missouri SEMA's Earthquake Program, some of the quakes measured at least 7.6 in magnitude and five of them measured 8.0 or more.

The 1811-1812 quakes changed the course of the Mississippi River. Some of the shocks were felt as far away as Washington D.C. and Boston.

The first federal disaster relief act was a result of the Great New Madrid Earthquake of 1811-1812. President James Madison signed an act into law which issued "New Madrid Certificates" for government lands in other territories to residents of New Madrid County who wanted to leave the area.

While there have been no large-scale earthquakes felt in the planning area in more than 200 years there are a multitude of shocks undetectable by anything other than special equipment that emanate from the New Madrid region many times throughout the year, but they are so minor they cannot be felt in the planning area.

# **Probability of Future Events - Moderate**

It is difficult to predict the probability of an earthquake occurring along the New Madrid Seismic Zone which would be significant enough to affect the planning area. The following information from MO DNR helps to illustrate why this is difficult:

The active faults in the NMSZ are poorly understood because they are not expressed at the ground surface where they can be easily studied. The faults are hidden beneath 100-to 200-foot thick layers of soft river deposited soils called alluvium.

Microseismic earthquakes (magnitude less than 1.0 to about 2.0), measured by seismographs but not felt by humans, occur on average every other day in the NMSZ (more than 200 per year).

Active faults that have generated dangerous earthquakes in historic times or the recent geologic past (the last 10,000 years) are not always microseismically active. In fact, in some settings these quiet faults are considered the most dangerous ones because high built up stress has locked the two sides of the fault together thereby preventing the microseismic earthquakes. This is thought to happen as a prelude to a major rupture of the fault. It is not known if faults of this type exist in the NMSZ. If they do exist there is no easy way to locate them.

If one looks strictly at the historical record for earthquakes of 6.5 magnitude or greater, there have been 2 years (1811 and 1812) out of the last 209 years in which such earthquakes have occurred. This equals less than 1% probability in any given year (Probability=2/209\*100=0.95%). However, there were many serious quakes in just the two years of 1811 and 1812, according to MO DNR.

In 2002, U.S. Geological Survey (USGS) and the Center for Earthquake Research and Information (CERI) at the University of Memphis released the following expectations for earthquakes in the NMSZ in following 50 years:

- 25-40% percent chance of a magnitude 6.0 and greater earthquake.
- 7 -10% chance of a magnitude 7.5 8.0 quake (magnitudes similar to those in 1811-1812)

According to information provided by MO SEMA, the above expectations can be translated into the following likelihoods for a given year in the 50 year period:

- 1.0-1.6% likelihood of a magnitude 6.0 and greater earthquake
- 0.28-0.40% likelihood of a magnitude 7.5-8.0 earthquake

Since a magnitude 6.0 earthquake would affect the planning area (see Figures 4.38-4.39 for an estimate of the effects in the planning area of a 6.7 earthquake in the NMSZ), the probability has been determined to be moderate.

# Vulnerability

#### Vulnerability Overview

#### Severity: High

## **Potential Impact - Existing Structures**

The intensity of an earthquake refers to the potentially damaging effects of a quake at any particular site. An earthquake of a specific magnitude will have different intensities depending on a location's distance from the epicenter of the quake, intervening soil type, and other factors.

Intensity is measured by the Modified Mercalli Intensity Scale (MMI) and expressed by a Roman numeral (Figure 3.23).

According to the USGS, Boone County is one of the 47 counties in Missouri that would be severely impacted by a 7.6 magnitude earthquake with an epicenter on or near the New Madrid Seismic Zone.

The State Emergency Management Agency (SEMA) has made projections of the highest earthquake intensities which would be experienced throughout the state of Missouri should various magnitude quakes occur along the New Madrid Seismic Zone.

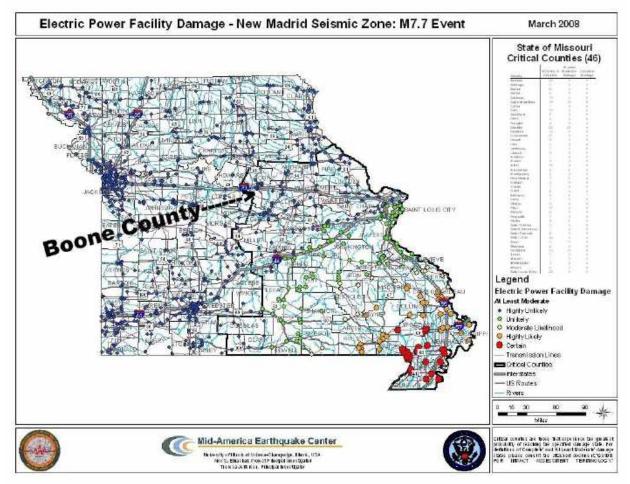
Table 3.31							
Projected Earthquake Hazard for Boone County							
Magnitude at NMSZ	Probability of Occurrence (2002 -2052)	Intensity (MMI)	Expected Damage				
6.7	25-40%	VI	Slight				
7.6	7-10%	VII	Significant damage to poorly built structures				

The pertinent information for Boone County is summarized in Table 3.31.

In 2008, the Mid-America Earthquake Center mapped the expected probability of at least moderate damage to electric power facilities from a 7.7 magnitude earthquake in the NMSZ;

such damage was considered "highly unlikely" in the planning area (Figure 3.25). This correlates well with the projected damage to *poorly* built structures from a 7.6 magnitude quake.





<u>Missouri State Hazard Mitigation Plan (2013) Analysis</u>: Specific modeling of damage and loss from earthquake scenarios has been conducted for the state using HAZUS 2.1 software; the findings are included in the *Missouri State Hazard Mitigation Plan (2013)*. HAZUS software is used by FEMA to compare relative risk from earthquakes and other natural hazards.

The earthquake vulnerability analysis in the *MO State Hazard Mitigation Plan (2013)* used demographic data based on the 2010 Census; site-specific essential facility data was based on the 2011 HSIP inventory data. Two types of analysis were done:

Annualized Loss Scenario based on eight earthquake return periods (100, 200, 500, 750, 1000, 1500, 2000, and 2500 years)

2% Probability of Exceedance in 50 Years Scenario - a "worst case scenario"

## Annualized Loss Scenario

The MO State Hazard Mitigation Plan (2018) explains the annualized loss scenario as follows:

HAZUS defines annualized loss as the expected value of loss in any one year. The software develops annualized loss estimates by aggregating the losses and their exceedance probabilities from the eight return periods. Annualized loss is the maximum potential annual dollar loss resulting from various return periods averaged on a 'per year' basis. It is the summation of all HAZUS-supplied return periods multiplied by the return period probability (as a weighted calculation).

#### Table 3.32 Hazus-MH Earthquake Loss Estimate: Annualized Loss Scenario

County	Total Losses, in \$	Loss Per Capita, in \$	Loss Ratio, in \$ Per	
	Thousands	Thousands	Million	
Boone	\$552	\$0.0034	\$30	

The building inventory in Boone County is both relatively large and high in value so there is the potential for costly damage even at a considerable distance from the New Madrid Fault. However the percentage of buildings sustaining damage and/or the level of damage sustained would be much lower than in a county adjacent to the fault. The loss ratio reflects this and gives an indication of both the potential economic impact of an earthquake and the difficulty of recovery in the county. Boone County is better equipped to deal with the economic loss it would be expected to incur than most other counties in the state.

## 2% Probability of Exceedance in 50 Years Scenario

This analysis models a worst case scenario using a level of ground shaking recognized in earthquake design. The *MO State Hazard Mitigation Plan (2013)* gives the following explanation of the modeling:

The methodology is based on probabilistic seismic hazard shaking grids developed by the U.S. Geological Survey (USGS) for the National Seismic Hazard Maps that are included with HAZUS-MH. The USGS maps provide estimates of peak ground acceleration and spectral acceleration at periods of 0.3 second and 1.0 second, respectively that have a 2% probability of exceedance in the next 50 years. The International Building Code uses this level of ground shaking for building design in seismic areas. This scenario used a 7.7 driving magnitude in HAZUS-MH, which is the magnitude used for typical New Madrid fault planning scenarios in Missouri. While the 2% probability of exceedance in the next 50 years ground motion maps incorporate the shaking potential from all faults with earthquake potential in and around Missouri, the most severe shaking is predominately generated by the New Madrid Fault.

Table 3.33 HAZUS-MH Earthquake Loss Estimation 2% Probability of Exceedance in 50	
Years Scenario Direct Economic Losses	

County	Cost Structural Damage	Cost Non- Structural Damage	Cost Content Damage	Inventory Loss	Loss Ratio	Relocation Loss	Capital Related Loss	Wage Losses	Rental Income Loss	Total Loss
Boone	\$47,799	\$129,199	\$44,304	\$679	0.96	\$29,990	\$11,430	\$15,490	\$14,373	\$293,265

It can be seen that in the modeling of a "worst case scenario", Boone County's loss ratio and loss ratio rank get higher. In addition, Boone County moves to the #19 rank in estimated building damage in actual dollars.

The modeling suggests that damages from a worst case scenario earthquake in the NMSZ (7.7 magnitude) would be greater in Boone County than the Modified Mercalli map of Missouri suggests. Caution indicates that mitigation and preparedness be focused on the most conservative estimates (in this case, those which predict greater injury and damage) unless these have been shown to be incorrect.

Even a significant earthquake event in the NMSZ which does not cause great damage in Boone County could still very possibly cause cascading economic losses in the county. There is the very real potential for disruption of road and rail traffic to the eastern part of the state, including the metropolitan area of St. Louis. Regions of the state outside of the severely damaged areas would probably be called upon for emergency and recovery assistance.

## **Potential Impact - Life**

The potential for loss of life goes up as the magnitude of the earthquake goes up. Areas with a high rate of older or historical structures with construction methods not designed to withstand such an event pose a higher risk for loss of lives that work or live within such buildings.

The potential for "emotional aftershocks" exists with any earthquake event. Major earthquake events require mental health services for people dealing with loss, stress, anxiety, fear, and other difficult emotions. Even a smaller quake, however, has the potential for emotional repercussions; the sudden movement of something experienced as stable for one's entire life (the earth itself) can be very traumatic.

## **Potential Impact - Future Development**

The standards followed in new construction will impact vulnerability to earthquake damage. Building new structures according to more stringent earthquake resistant codes will lessen the potential damage should an earthquake occur, just as poor construction will increase vulnerability. However, this type of mitigation activity may not be cost effective for many communities.

## Hazard Summary by Jurisdiction

Boone County, Ashland, Centralia, Columbia, Hallsville all have building codes so there is a mechanism whereby earthquake resistant codes could be put in place. The Boone County Building Code does cover building earthquake resistant structures.

Columbia has a large quantity of historical buildings and multi-story buildings that could be vulnerable to larger magnitude earthquakes. Infrastructure damage to roads would cause transportation backups that could impact much farther from the planning area.

<u>School Districts -</u> The Revised Statutes of MO, Section 160.451 require that: The governing body of each school district which can be expected to experience an intensity of ground shaking equivalent to a Modified Mercalli of VII or above from an earthquake occurring along the New Madrid Fault with a potential magnitude of 7.6 on the Richter Scale shall establish an earthquake emergency procedure system in every school building under its jurisdiction.

All educational institutions in Boone County are subject to these statutory requirements and must provide training and exercises to students in preparation for a large earthquake. This is implemented throughout the county.

<u>Public Information -</u> The Office of Emergency Management (OEM) maintains materials which address earthquake preparedness. A press release to educate the public about earthquake preparedness and the availability of educational materials was issued in July 2009. OEM focuses on earthquake preparedness in February each year during "Earthquake Awareness Month".

<u>County Bridges -</u> All county bridges are inspected by the MODOT on a 2-year cycle; if an earthquake impacted the planning area, MODOT would be in charge of county bridge inspection post-earthquake.

<u>State-funded buildings</u> - RSMo Section 319.200 requires that, for "cities and counties subject to earthquake", all state-funded buildings built after January 1, 2000 must "comply with the standards for seismic design and construction of the 1990 or later edition of either the uniform building code or the building officials and code administrators code." (The statute established a percentage schedule for state-funded buildings constructed between January 1, 1994 and December 31, 1999 which were also subject to this requirement.) As a result of this statute, many of the newer buildings at the University of MO are built to seismic standards.

## **PROBLEM STATEMENT**

The entire planning area is vulnerable to the risk of damage from an earthquake in the New Madrid Seismic Zone (NMSZ) located in southeastern Missouri. Boone County is one of 46 "critical counties" where school districts are required by state law to establish earthquake emergency procedure systems in every school.

Studies and predictions indicate that there would be significant damage to poorly built structures in the planning area from a 7.6 magnitude (Richter) quake in the NMSZ. In addition to structural damage, and possible injury/loss of life, the planning area could be affected by an influx of people needing sheltering, disruption of the flow of goods, calls for assistance from other areas, and the psychological traumatization of the population.

There is extensive ongoing education and preparation in the planning area for the possibility of an earthquake event.

# LAND SUBSIDENCE/SINKHOLES

# HAZARD PROFILE

#### HAZARD DESCRIPTION

"Land subsidence is a geological hazard caused by the sinking of the earth's surface due to the movement of earth materials below the surface. This sinking can be sudden or gradual and is generally attributed to the removal of subsurface water or the draining of organic soils. In Missouri, subsidence is primarily associated with sinkholes but they can also occur from void space left by mining and natural caves." (*MO State Hazard Mitigation Plan, 2018*)

Gradual or sudden land subsidence is a key sign of sinkhole formation. The Boone County Stormwater Design Manual distinguishes between two types of sinkholes associated with karst topography:

- Depression sinkholes which have a defined drainage area and are generally shown as closed contours on a topographic map; best management practices are required to protect groundwater when runoff from development drains into these areas
- Collapse sinkholes are areas of "karst-related subsidence with no defined drainage area when occurring outside of a depression sinkhole. Collapse sinkholes can occur in the bottom of a depression sinkhole and are commonly referred to as the 'eye' of the sinkhole"

Construction excavation and well drilling can also cause sinkholes, according to the Missouri Department of Natural Resources (DNR).

In addition to being at risk for land subsidence and sinkhole collapse associated with karst topography, the planning area is at risk from land subsidence/collapse associated with underground mining and exploratory drilling for petroleum.

#### Location

There are 397 known sinkholes in the planning area. The karst areas of the Ozark Highlands in the western and southern sections of the planning area (Figure 2.3) are where the majority of sinkholes are located (Figure 3.26). Large clusters exist southeast of Rocheport and to the northwest and south of Columbia. Eight known sinkholes are located within the city limits of Columbia.

The MO DNR has mapped potential collapse areas around the known sinkholes and underground mines (Figure 3.26). These may not be the only potential sinkhole collapse areas however; further development may bring to light previously unknown sinkhole areas in the karst regions and also more abandoned underground mines.

Randolph 3 Audrain Sinkoles and Potential **Collapse Areas** Sturgeon (22) (423 known or probable Centralia sinkhole locations) Boone County, MO Potential Collapse Area Hallsville Note: Collapse potential correlates with locations of sinkholes and underground mines Sinkholes/Mines Sinkhole Underground Mine 783 Surface/Underground Mine Unknown Mine McBain 2014 Gans Creek Pierpon River Public Land County Boundary Incorporated Area Major Road Source(s): MoDNR MSDIS Mid-Mo RPC January 2015 KLW MID-MG Cole Boone County Hazard Mitigation Plan 1 Mil

Figure 3.26

The potential for collapse from underground mining is primarily in the northern part of Boone County and associated with coal fields (Figure 3.27). Prior to larger open pit mining activities in Boone County, there were numerous "Mom and Pop" underground coal mining operations; these were small mines using a series of tunnels and pillars. There are 200 known mining locations in the planning area.

Figure 3.27



There is very little documentation on where these operations were located; they do not appear, for the most part, on the collapse potential areas mapped by the DNR (Figure 3.26). In 2011, the Missouri Geological Survey (MO DNR) received funding from the Department of the Interior's Office of Surface Mining to "investigate, collect and scan maps of underground coal mines to make the national inventory of Missouri mine lands as complete as possible." They solicited the public's help in finding old mine maps which might be kept in family records through public announcements, including a YouTube video.

Source: MO DNR

In addition to coal mines, there were also test holes for petroleum drilled in northern Boone County in the Browns Station Anticline (Figure 2.2) and a few underground lead mines in the southern part of Boone County.

# Strength/Magnitude/Extent

Sinkholes can vary "from a few feet to hundreds of acres and from less than one to more than 100 feet deep," according to the USGS.

There have been 15,981 sinkholes identified in the State of Missouri. One hundred and sixty sinkhole collapses examined by the MO Department of Natural Resources between 1970 and 2007 were less than 10 feet in diameter and less than 10 feet deep. However, there were also some very large collapses within the state: one collapse drained a lake near St. Louis, one drained a sewage lagoon in West Plains, and one in Nixa swallowed a garage with a car in it.

Petroleum drill holes such as found in northern Boone County could be the cause for a localized collapse; one would not want to set a foundation on top of one of them.

#### **Previous Occurrences**

There is ample evidence of sinkhole collapse in the planning area but most of it is on public land or in less developed areas. A hiking trail in Rockbridge State Park, located south of Columbia, winds its way around collapsed sinkholes; it is aptly named "The Sinkhole Trail".

A sinkhole collapse in the planning area did impact the built environment. On May 12, 2014, a sinkhole collapsed a roadway in southern Columbia (see labeled location on Figure 4.45). East Gans Creek Road between Ponderosa St. and Discovery Parkway was closed for a day by the Columbia Public Works Department for evaluation of the sinkhole and repair of the roadway.

Engineers from the Public Works Department measured the sinkhole at about 6 feet in diameter and 8 feet deep and assessed its formation as due to the karst topography in the area. There were no buried utilities under the section of roadway and storm water under the roadway did not appear to be a causative factor. The sinkhole was filled with concrete and rock before the road was repaired.

## **Probability of Future Occurrences**

High – Boone County, Columbia Low – Ashland, Centralia, Hartsburg, Rocheport Not applicable - All other participating jurisdictions

In the last 20 years there has been one major sinkhole collapse that impacted the planning area. (1/20\*100 = 5%) If all sinkhole collapses were documented a much higher rate of collapse would be reflected, but many collapses are either minor and go unnoticed or are in areas that are unpopulated and impact little. New analysis and mapping by MO DNR indicates either close proximity to or overlap of potential collapse areas with the jurisdictions of Ashland, Centralia, Hartsburg and Rocheport. In Ashland, Hartsburg and Rocheport, the collapse potential is associated with known sinkholes; in Centralia, it is associated with underground mines.

The City of Rocheport is actually located completely within a mapped collapse potential area associated with a large number of sinkholes. However, according to information from the city, there is no known history of sinkhole collapse within Rocheport.

## CHANGING FUTURE CONDITIONS CONSIDERATIONS

With expected rainfall events to happen more frequently and with higher intensity with climate change, instances of sinkhole collapse could go up in the planning area due to erosion from flooding and severe runoff exposing depressions below. Periods of rain followed by drought also elevate potential for sinkholes to open up with the fluctuating water table.

## VULNERABILITY

#### **VULNERABILITY OVERVIEW**

Severity: Low to High

The planning area has 397 known sinkholes and 200 known mines dispersed across many jurisdictions. It is very difficult to predict the severity of a sinkhole collapse due to their great variance in size, varying speeds of collapse onset, and proximity to the built environment.

#### **Potential Impact – Life**

Sinkhole collapse poses a potential threat to human life; there have been numerous news stories in recent years of collapsing sinkholes swallowing up people. In 2013, a man hunting in southern Missouri lost his life when he stepped in a sinkhole which had possibly opened up due to recent heavy rain.

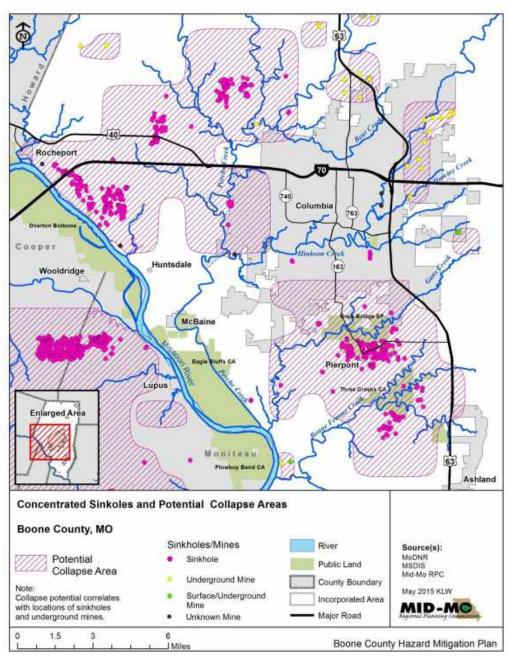
Sinkhole collapse potentially poses a threat to public health via contamination of the water supply. According to information from the Missouri DNR, a 1978 sinkhole collapse in southern Missouri drained the West Plains lagoon, resulting in sewage draining directly into underground water sources. More than 800 local residents reported illness and Mammoth Spring in Arkansas was contaminated.

According to the Boone County Stormwater Design Manual, groundwater in karst systems can move as much as a mile per day; this is contrasted to non-karst areas where groundwater may only move a few feet per year. Obviously, the potential for quick and widespread contamination of groundwater is a major concern in karst areas; "a contaminant may reach some springs or wells within a few hours after entering the groundwater system."

Another characteristic of karst topography is the presence of losing streams. A losing stream is a surface stream with a direct connection to the groundwater in a local area; this connection has often been formed by the collapse of a sinkhole. According to the Stormwater Design Manual, "Protection of water quality in and near losing streams is critical for protection of groundwater quality in wells and springs."

The proximity of clusters of sinkholes, and associated potential collapse areas, to losing streams in the planning area is shown in Figure 3.28.





# **Potential Impact - Existing Structure**

Sinkholes vary in size and can potentially cause damage to roads, water/sewer lines, buildings, and lagoons. It is difficult to determine the potential impact of land subsidence and sinkholes on existing structures for a number of reasons:

There is a lack of data on historic damages caused by land subsidence and sinkhole collapse in Missouri.

Even with the mapping of known and possible sinkhole locations, it is difficult to predict where a sinkhole will collapse and if the collapse will be significant enough to damage any structures in the vicinity.

Because sinkhole collapse is not predictable there is no direct way to assess a cost impact for this hazard. Vulnerable structures, roads, or property could potentially be impacted by a sudden and usually localized drop in elevation. The resulting damage incurred from the sinkhole could result in broken roads, building collapse, compromises to water sources, environmental impacts, and/or loss of life. While loss of life could occur, it would most likely be minimal.

## **Potential Impact - Future Development**

The threat of sinkhole collapse is poised to potentially become a more serious issue for Boone County and the city of Columbia. The areas to the south and west of Columbia had over 50% population growth in the period 2000-2010 (Figure 2.12). Much of this area is considered to have sinkhole collapse potential (Figure 4.46) and there is every reason to believe that the growth trend in these areas will continue.

Construction in these karst topography areas can cause shifts in soil, change drainage patterns, and promote the sinkhole formation. In addition, soil disturbance and changes in drainage patterns may lead to blockage of sinkholes and unforeseen flooding problems.

# Hazard by Jurisdiction

The majority of the known sinkholes and potential collapse areas in the planning area are in unincorporated Boone County. The southern part of the planning area is especially vulnerable to this hazard due to the karst topography. Boone County adopted a new Stormwater Ordinance in 2010. The ordinance contains provisions that seek to mitigate the impact of construction on sensitive areas such as sinkholes. The ordinance requires a land disturbance permit for any land disturbance activity within a sinkhole.

A number of the mapped potential collapse areas overlap the boundaries of the City of Columbia. The presence of potential collapse areas in and around the City of Columbia (especially to the south, west, and north) is an important consideration for the jurisdictions of both Boone County and the City of Columbia due to vigorous growth and development in those areas.

Mapped potential collapse areas associated with known sinkholes also overlap the boundaries of a number of other jurisdictions. However, none of these jurisdictions have known sinkholes located within their boundaries.

- Ashland There is a mapped potential collapse area in the northwest part of the city associated with a large number of known sinkholes.
- Hartsburg There is mapped potential collapse area in the easternmost part of the city associated with known sinkholes to the north and southeast.

• Rocheport – The city is located within a potential collapse area associated with a large number of sinkholes to the southeast. However, according to city officials, there has never been a known collapse within the city.

# PROBLEM STATEMENT

Boone County, Columbia, Ashland, Centralia, Hartsburg, and Rocheport are all vulnerable to land subsidence/sinkholes.

Sinkhole collapse in karst areas poses the threat of contamination of the groundwater over a wide region. The new Boone County Stormwater Ordinance, adopted in 2010, has put permitting regulations in place for any type of land disturbance within sinkhole areas.

Mapped potential collapse areas associated with underground mines exist in the northern part of the planning area. One of these areas lies adjacent to the southeast boundary of the City of Centralia and another within a quarter mile of the northern boundary of the Village of Harrisburg; others lie within the northern and northeastern parts of the City of Columbia.

The potential for land subsidence or collapse from underground mines in northern Boone County is greater than the current mapping would indicate. Historically, there were numerous small underground coal mining operations in the area but the locations of most of these operations are unknown.

# DROUGHT

### **DESCRIPTION OF HAZARD**

The National Weather Service defines a drought as "a period of abnormally dry weather which persists long enough to produce a serious hydrologic imbalance (for example crop damage, water supply shortage, etc.) The severity of the drought depends upon the degree of moisture deficiency, and the duration and the size of the affected area."

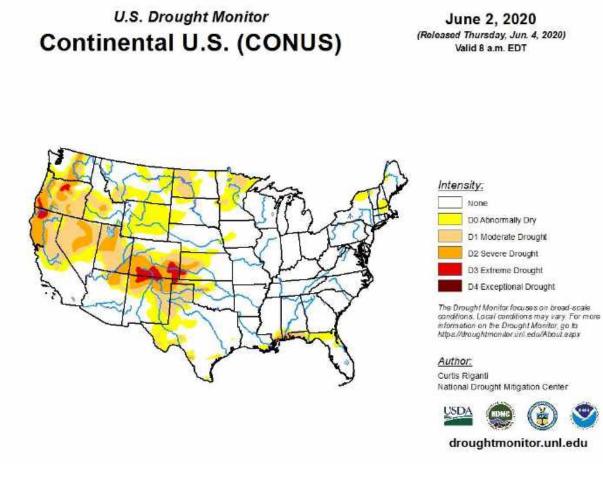
Droughts occur either through a lack of precipitation (supply droughts) or through overuse of water which outpaces what the surrounding environment can naturally support (water use droughts). Water use droughts can theoretically happen anywhere but are generally seen in arid climates, not humid places such as Missouri. At the present time, Missouri is most vulnerable to supply droughts brought on by a lack of precipitation.

The period of lack of precipitation needed to produce a supply drought will vary between regions and the particular manifestations of a drought are influenced by many factors. As an aid to analysis and discussion, the research literature has defined different categories of drought (Figure 4.64). The most common type of drought in Mid-Missouri is the agricultural drought.

Table 3.34							
Drought Categories							
Agricultural	Defined by soil moisture deficiencies						
Hydrological         Defined by declining surface and groundwater supplies							
Meteorological Defined by precipitation deficiencies							
Socioeconomic Defined as drought impacting supply and demand of some economic commodity							
Source: Missouri Drought Plan, 2002 (Mo	) DNR)						

### **Geographic Location**

The entire planning area is potentially at risk for drought. However, since agricultural drought is most common in Missouri, the unincorporated agricultural areas of Boone County are most at risk. Drought can mean crop failure in these areas and the resulting immediate, and potentially severe, economic loss.



Source: <u>https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?conus</u>

# Strength/Magnitude/Extent

Numerous indices have been developed to measure drought severity; each tool has its strengths and weaknesses.

<u>Palmer Drought Severity Index</u>: One of the oldest and most widely used indices is the Palmer Drought Severity Index (PDSI, Figure 4.65), which is published jointly by NOAA and the U.S. Department of Agriculture (USDA).

Table 3.35								
Palmer Drought Severity Index (PDSI)								
Score	Description	Score	Description					
Greater than 4	Extreme moist spell	0 to -0.4	Near normal conditions					
3.0 to 3.9	Very moist spell	-0.5 to -0.9	Incipient drought					
2.0 to 2.9	Unusual moist spell	-1.0 to -1.9	Mild drought					

1.0 to 1.9	Moist spell	-2.0 to -2.9	Moderate drought
0.5 to 0.9	Incipient moist spell	-3.0 to -3.9	Severe drought
0.4 to 0	Near normal conditions	Below -4.0	Extreme drought

According to the National Integrated Drought Information System (NIDIS), the PDSI "...uses temperature and precipitation data to calculate water supply and demand, incorporates soil moisture, and is considered most effective for unirrigated cropland. It primarily reflects long-term drought and has been used extensively to initiate drought relief."

Missouri is divided into six regions of similar climactic conditions for PDSI reporting; Boone County is located in the Northeast Region.

<u>Standardized Precipitation Index:</u> A newer index currently being used by The National Drought Mitigation Center (NDMC) is the Standardized Precipitation Index (SPI). This index is based on the probability of precipitation; the time scale used in the probability estimates can be varied and makes the tool very flexible. The SPI is able to identify emerging droughts months sooner than is possible with the PDSI.

The NDMC uses the PDSI, SPI, and three other indicators to classify the severity of droughts throughout the country on a 5-point scale ranging from DO Abnormally Dry to D4 Exceptional Drought for reports on the U.S. Drought Monitor (Figure 4.66).

Table 3.	36											
	U.S. Drought Monitor - Drought Severity Classification											
			Ranges									
Categor y	Descriptio n	Possible Impacts	Palmer Drough t Index	CPC Soil Moisture Model (Percentile s)	USGS Weekly Streamflow (Percentile s)	Standardize d Precipitatio n Index (SPI)	Objective Short and Long-term Drought Indicator Blends (Percentile s)					
D0	Abnormall y Dry	Going into drought: short- term dryness slowing planting, growth of crops or pastures. Coming out of drought: some lingering water deficits; pastures or crops not fully recovered	-1.0 to - 1.9	21-30	21-30	-0.5 to -0.7	21-30					

D2 D	Severe Drought	Crop or pasture losses likely; water shortages					
		common; water restrictions imposed	-3.0 to - 3.9	6-10	6-10	-1.3 to -1.5	6-10
<b>n</b> a –	Extreme Drought	Major crop/pasture losses; widespre ad water shortages or restrictions	-4.0 to -4.9	3-5	3-5	-1.6 to -1.9	3-5
	Exception l Drought	Exceptional and widespread crop/pasture losses; shortages of water in reservoirs, streams, and wells creating water emergencies	-5.0 or less	0-2	0-2	-2.0 or less	0-2

Based on the Drought Severity Classification from the NDMC, Boone County is subject to droughts ranging from D1 (Moderate Drought) to D4 (Exceptional Drought). The most common droughts are in the D1-D2 range.

# **Previous Occurrences**

The Dust Bowl years of the 1930s and early 1940s were dry in Missouri but not as dry as the period 1953-57. A major nationwide drought in the late 1980s resulted in low water and decreased barge traffic on the Mississippi and Missouri Rivers. The fall of 1999 was another serious drought period in the state; in October of that year, all counties in Missouri were declared agricultural disaster areas by the USDA.

Information for droughts since the year 2000 is available online via weekly maps prepared by the U.S. Drought Monitor. Drought events for Boone County, and information about their severity, are shown in Figure 4.69. The drought which affected the entire state beginning in the summer 2012 was the worst drought in 30 years, according to the *MO State Hazard Mitigation Plan* (2018).

While short periods of drought have been recorded in localized areas in the past few years the last reported crop loss was in 2019. According to USDA's Risk Management section there was a single insurance claim for \$5,328 that was due to drought in August.

### **Probability of Future Occurrences**

In the 20-year period 2000-2020, there were 8 years without any level of drought in the planning area, according to the U.S. Drought Monitor. Based on this data, the calculated probability of having at least a Moderate (D1) drought in some month of the year is 60%. (Probability calculation: 1 - (8/20) = .60)

The probability of occurrence of the different drought severities in any given year, based on the 2000-2020 data, has also been calculated (Figure 3.37).

Table 3.37									
Probability of Future Drought Events									
Severity Scale	Drought Description	# of years with drought event (2000-2020)	Probability	Probability Rating					
D1	Moderate	8	40%	High					
D2	Severe	4	20%	High					
D3	Extreme	3	15%	High					
D4	Exceptional	2	10%	High					

# **Changing Future Conditions Considerations**

Droughts are naturally occurring events in the planning area. While overall precipitation is predicted to rise with climate change the intensity of rainfall events at a given time could mean less rainfall at other times throughout the season leading to more frequent droughts and crop failures. Raising global temperatures could lead to more severe droughts.

# VULNERABILITY

### Severity

Moderate – Boone County (unincorporated) Low - all other participating jurisdictions

The primary affect of drought in the planning area is on the economic livelihood of those in the agricultural sector. According to the *2017 US Census of Agriculture*, 48.8% of Boone County land use is tied to farming activities. In 2017 the market value of Boone County farm products was estimated at \$105,007,000 Million.

Both crops and livestock are at risk from drought. During the Exceptional Drought conditions in 2012, there were large sell-offs of livestock in some counties surrounding the planning area.

# **Potential Impact – Life**

While drought itself does not have a direct affect on human health or life, its impacts can indirectly cause damage to health. The psychological and economic stresses involved for those working directly in the agricultural sector can be great in times of drought. Uncertainty, high stress and fear are not compatible with optimal health.

# **Potential Impact - Existing Structures**

Excessive drought can cause damage to roads, streets, water mains, and building foundations. This is especially true in the Claypan Till Plains area (Figure 2.3) which includes the jurisdictions of Ashland, Centralia, Hallsville, Sturgeon and eastern portions of Columbia. The clay soils expand and contract to a high degree depending on moisture or lack thereof; this soil movement can cause structural movement, settlement, and breaks. During the drought of 2012, local media carried stories encouraging homeowners to water their foundations.

The arid conditions created by drought also pose an increased risk of fire and wildfire.

Drought can also have far reaching economic consequences beyond the agricultural sector; businesses dependent upon that sector can also suffer serious losses. A severe drought can affect the economics of an entire region.

# **Potential Impact - Future Development**

Drought is primarily an issue of water supply for the rural and agricultural parts of the planning area. Almost 55% of the land in Boone County is agricultural and agriculture plays an important role in the life and economy of the area. This makes drought mitigation an especially important concern as population increases.

Boone County experienced 20% population growth between 2000 and 2010, according to the U.S. Census. This growth rate is far above the Missouri state average (7%). However, census data indicates that almost all of this growth occurred in the incorporated cities. There was only a 1% growth rate in unincorporated Boone County, the area most affected by drought.

Were there to be a large increase in growth in the rural areas of the county, the interconnection of water supplies and good land management techniques would become increasingly important in mitigating the impacts of drought.

# Hazard Summary by Jurisdiction

All jurisdictions in the planning area can be impacted by drought. Incorporated cities may see a drain on their water supply in times of extreme drought and wear on roads under cracking and shrinking dry ground can become damaged. The largest impact to drought though comes to unincorporated Boone County due to the agriculture based nature of its economy and land usage. Crop losses deal large economic blows and the potential for wildfire pose a risk to those living nearby.

# PROBLEM STATEMENT

Drought of some degree is a common occurrence in the planning area. The unincorporated agricultural areas of Boone County are the most vulnerable but all jurisdictions are potentially vulnerable to both direct structural damage and cascading economic effects during extended and serious drought conditions.

Based on recent data (2000-2020), the most common drought in the planning area is a Moderate Drought (D1); the average drought during this period lasted 4.4 months. Droughts in the planning area can be more severe and long-lasting, however. An extended nine-month drought in 2012-2013 was rated D4 (Exceptional Drought) at its severest point.

Drought conditions are carefully monitored at the state and national levels; state law requires the Missouri Department of Natural Resources to implement a drought response system to ensure the quantity and quality of available water resources.

# EXTREME TEMPERATURES

# **HAZARD PROFILE**

### **DESCRIPTION OF HAZARD**

Extreme temperature events, both hot and cold, can impact human health and mortality, natural ecosystems, agriculture, and other economic sector. Extreme heat is the number one weatherrelated killer in the United States, according to the National Weather Service (Figure 3.30). In contrast to the visible, destructive, and violent nature of floods, hurricanes, and tornadoes, extreme heat is a silent killer.

Figure 3.30 Weather Fatalities 2018 140 Weather Fatalities for 2018 10-Year Average (2009-2018) 120 30-Year Average (1989-2018) 108 100 60 40 20

As can be seen in the NWS graph, there are no 30-year averages for heat fatalities or a number of other weather-related fatalities. Fatality data on these hazards began to be recorded more recently than fatalities from the more dramatic causes of death such as flood, lightning, tornado, and hurricane.

As the data shows. extreme heat resulted in an average of 101

deaths per year when looked at over a 10-year period; this is 6 more deaths per year than the number cause by flood, the next most frequent cause of death.

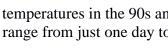
Extreme cold often accompanies severe winter storms and can lead to hypothermia and frostbite in people without adequate clothing protection. Cold can also cause issues with power sources by freezing fuel lines and overwhelming heating systems. It can also freeze and bust pipes in homes and businesses.

### **Geographic Location**

The entire planning area is at risk from extreme temperature events.

### Strength/Magnitude/Extent

The planning area routinely experiences prolonged periods with temperatures in the 90s and 100s (Figure 3.31). The duration of these periods of extreme heat can range from just one day to



weeks. The National Weather Service (NWS) has an alert system in place to alert people when the Heat Index is expected to have a significant impact on public safety. The severity decides whether an advisory or a warning is issued.

NWS	He	at Ir	ndex			Te	empe	ratur	e (°F)							
	80	82	84	86	88	90	92	94	96	98	100	102	104	106	108	110
40	80	81	83	85	88	91	94	97	101	105	109	114	119	124	130	13
45	80	82	84	87	89	93	96	100	104	109	114	119	124	130	137	
50	81	83	85	88	91	95	99	103	108	113	118	124	131	137		
55	81	84	86	89	93	97	101	106	112	117	124	130	137			
60	82	84	88	91	95	100	105	110	116	123	128	137				
65	82	85	89	93	98	103	108	114	121	128	136					
70	83	86	90	95	100	105	112	119	126	134						
75	84	88	92	97	103	109	116	124	132							
80	84	89	94	100	106	113	121	129								
85	85	90	96	102	110	117	1126	135								
90	86	91	98	105	113	122	131								6	AR
95	86	93	100	108	117	127										2
100	87	95	103	112	121	132										
1		Like Cautio		l of He		order			nged E		u <b>re or</b> Danger		ious A	<b>ctivity</b>		ər

### Figure 3.31

Source: National Weather Service (NWS) https://www.weather.gov/safety/heat-index

Note: Exposure to direct sun can increase Heat Index values by as much as 15\*F. The shaded zone above 105\*F corresponds to a HI that may cause increasingly severe heat disorders with continued exposure and/or physical activity.

Similar to heat index the NWS also has an index for wind chill. It uses advances in science, technology, and computer modeling to provide an accurate, understandable, and useful formula for calculating the dangers from winter winds and freezing temperatures. The figure below shows wind chill temperatures which are based on the rate of heat loss from exposed skin caused by wind and cold. When wind increases, it draws heat from the body, driving down skin temperature and eventually the internal body temperature.

# Figure 3.32



									Tem	pera	ture	(°F)							
	Calm	40	35	30	25	20	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
	5	36	31	25	19	13	7	1	-5	-11	-16	-22	-28	-34	-40	-46	-52	-57	-63
	10	34	27	21	15	9	3	-4	-10	-16	-22	-28	-35	-41	-47	-53	-59	-66	-72
	15	32	25	19	13	6	0	-7	-13	-19	-26	-32	-39	-45	-51	-58	-64	-71	-77
	20	30	24	17	11	4	-2	-9	-15	-22	-29	-35	-42	-48	-55	-61	-68	-74	-81
(hc	25	29	23	16	9	3	-4	-11	-17	-24	-31	-37	-44	-51	-58	-64	-71	-78	-84
Wind (mph)	30	28	22	15	8	1	-5	-12	-19	-26	-33	-39	-46	-53	-60	-67	-73	-80	-87
nd	35	28	21	14	7	0	-7	-14	-21	-27	-34	-41	-48	-55	-62	-69	-76	-82	-89
W	40	27	20	13	6	-1	-8	-15	-22	-29	-36	-43	-50	-57	-64	-71	-78	-84	-91
	45	26	19	12	5	-2	-9	-16	-23	-30	-37	-44	-51	-58	-65	-72	-79	-86	-93
	50	26	19	12	4	-3	-10	-17	-24	-31	-38	-45	-52	-60	-67	-74	-81	-88	-95
	55	25	18	11	4	-3	-11	-18	-25	-32	-39	-46	-54	-61	-68	-75	-82	-89	-97
	60	25	17	10	3	-4	-11	-19	-26	-33	-40	-48	-55	-62	-69	-76	-84	-91	-98
	Frostbite Times 30 minutes 10 minutes 5 minutes																		
			w	ind (	Chill							75(V Wind S			2751	(V <sup>0.1</sup>		ctive 1	1/01/01

# **Previous Occurrences**

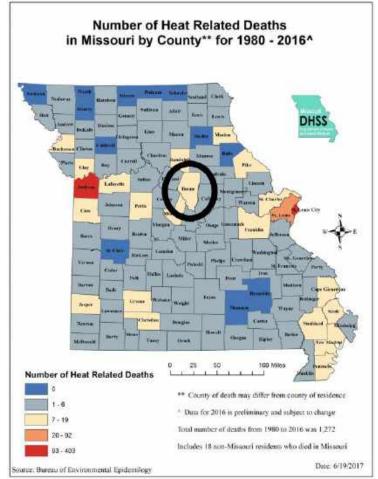
Table 3.38									
Period	Periods of Extreme Heat in Boone County, 2000-2020								
Date	Air Temp	Deaths*	Injuries*	Length (days)					
12/16/00	9	0	0	2					
08/05/07	100-103	8	1300+	12					
06/21/09	90s	0	0	7					
06/18/10	mid 90s	0	0	6					
07/14/10	100 - 103	8	941	3					
07/17/10	mid-90s	0	13	1					
07/22/10	mid-upper 90s	0	23	3					
08/02/10	100 -102	0	13	3					
08/08/10	upper 90s - 100	2	85	7					
07/17/11	lower 90s - 100	8	100+	18					
06/27/12	100 -109	19	212	11					
07/16/12	100 -106	1	53	4					
07/22/12	up to 108	0	75	6					

08/01/12	105	0	6	2				
08/20/14	Upper 90s	0	56	7				
07/12/15	Upper 90s	0	0	2				
07/17/15	Mid 90s	0	0	1				
07/25/15	Mid 90s	0	0	4				
07/18/16	Upper 90s	1	70	5				
07/18/17	Upper 90s – 108	0	51	5				
	Total Deaths/Injuries and Average Length472998+5.5							
* Deaths and inju	ries are for entire area in	MO affected b	by extreme heat	event.				
Source: www.ncd	c.noaa.gov/stormevents/	(Available data	a as of 2/29/202	0)				

In recent years, there have been some notable periods of extreme heat and new temperature records set in the planning area:

- 2007 Over 100 on six days in August (Columbia) 2007 New record for August 16<sup>th</sup> of 103 degrees (Columbia)
- 2011 New record for August 2nd of 108 degrees (Columbia)
- 2012 Over 100 degrees from June 27-July 7 (Columbia)

Figure 3.33



Source: https://health.mo.gov/living/healthcondiseases/hyperthermia/pdf/stat-report.pdf

# **Probability of Future Occurrence**

- High for all participating jurisdictions

• NOAA data dating back to 1994 indicates only 6 years without extreme heat events (1996, 1997, 2008, 2013, 2018 and 2019). In most years during that period, there were multiple extreme heat events. Based on this historical data, the calculated probability of an extreme heat event in any year is 76%. (Probability calculation: 1 - (6/26) = 0.76)

• NOAA data dating back to 1994 indicates that there was only 1 year with an extreme cold event. That event took place in 2000. This makes for a probability of an extreme cold event in any year 1%. (Probability calculation: 1-(1/26) = 0.96)

The chances of an extreme heat event are much higher and happen much more frequently than extreme cold but cool snaps that may not bother humans can bother crops. Insurance claims for 2019 show \$234,542 in damages due to cold weather.

### VULNERABILITY

### **VULNERABILITY OVERVIEW**

### Measure of Severity - Moderate for all participating jurisdictions

#### **Potential Impact – Life**

Heat kills by overloading a body's capacity to cool itself. The human body cools itself by perspiring; the evaporation of perspiration carries excess heat from the body. High humidity often accompanies heat in Missouri and increases the danger to warm-blooded humans and animals. High humidity makes it difficult for perspiration to evaporate and thus interferes with this natural cooling mechanism.

The Heat Index devised by the NWS (Figure 4.74) is a measure of how hot it really feels. The Heat Index takes into account both air temperature and relative humidity. It also gives an indication of the added risk presented by high humidity to bodies attempting to cool.

#### **Table 3.39 Typical Health Impacts of Extreme Heat**

Heat Index (HI)	Disorder
80-90° F (HI)	Fatigue possible with prolonged exposure and/or
	physical activity
90-105° F (HI)	Sunstroke, heat cramps, and heat exhaustion possible
	with prolonged exposure and/or physical activity
105-130° F (HI)	Heatstroke/sunstroke highly likely with continued
	exposure

Source: National Weather Service Heat Index Program, www.weather.gov/os/heat/index.shtml

Many factors, such as age, general level of health, outdoor activity level, alcohol and drug consumption, and availability of air conditioning, affect the actual risk level. The elderly in general are vulnerable to the effects of extreme and/or prolonged heat; the 2010 Census recorded 15,072 citizens in Boone County (9.3% of the population) as 65 years and older. However, any residents without access to air conditioning, or shade and water if outside, are very vulnerable to this hazard. One known death occurred in the planning area in August 2002. when a 59-year-old Boone County man died from heat exhaustion after collapsing while doing yard work.

Extreme heat events can also result in livestock deaths and fish kills; drought in conjunction with extreme heat exacerbates the situation.

### **Potential Impact - Existing Structures**

While illness and loss of life are of the most concern with extreme heat, structural impacts may also occur. Structural impacts depend on the length of the period of extreme heat and exacerbating factors such as concurrent drought. Road damage and electrical infrastructure damage may occur with intense and prolonged heat.

### **Potential Impact - Future Development**

Thoughtful future development has the potential to include mitigation for extreme heat in its design. This is true on all levels ranging from actions by individual homeowners to larger redevelopment projects planned by cities. Properly placed shade trees can contribute greatly to lowering inside temperatures and the load placed on cooling systems. Planning for adequate green space as cities infill allows for air movement and shaded locations.

### Hazard Summary by Jurisdiction

Those at greatest risk for heat-related illness and deaths include children under 5 years of age and people over the age of 65. To determine jurisdictions within the planning area with populations more vulnerable to extreme heat, demographic data was obtained from the 2018 American Community Survey estimates for populations 5-years-old and younger, as well as ages 65 and older. Since students and faculty of school districts are not typically part of the vulnerable age groups they have been left out of the following table.

Jurisdiction	Population Under 5 yrs	Population 65 yrs and over
Unincorporated Boone County	10,403	19,080
Ashland	282	520
Centralia	368	845
Columbia	7,053	11,588
Hallsville	65	215
Harrisburg	33	32
Hartsburg	1	21
Huntsdale	0	5
Rocheport	21	64
Sturgeon	28	190

### Table 3.4: Boone County Population by Age

Source: American Community Survey 5-year Estimates 2012-2017

The City of Columbia, the major population center in the planning area, is well equipped with cooling centers to help protect those most vulnerable. Warnings regarding the dangers of extreme heat are widely broadcast during times of threat.

The following locations in Columbia are used as cooling centers during business hours:

- Activity & Recreation Center (ARC)
- Armory Sports and Community Center
- Boone County Government Center
- Columbia/Boone County Health Department
- Columbia Public Library
- Salvation Army
- Salvation Army Harbor House
- St. Francis House

The following departments, agencies, and organizations all are involved in educating the public about the dangers of extremely hot weather and/ or issuing alerts when the threat of extreme heat is imminent:

The Boone County/City of Columbia Health Department alerts the public on the dangers of extreme heat.

<u>The Missouri State High School Activities Association (MSHSAA)</u> provides coaches with educational pamphlets on the dangers of excessive heat. Schools in the planning area have air conditioning in their main buildings and many of their detached buildings, but warnings should be taken into consideration for outdoor sports and practices. Many schools in the planning area are closed for summer session during the more hot portions of the summer season.

The Missouri Department of Health and Senior Services announces statewide hot weather health alerts.

<u>The National Weather Service (NWS)</u> has devised a method to warn of advancing heat waves up to seven days in advance. The new Mean Heat Index is a measure of how hot the temperatures actually feel to a person over the course of a full 24 hours. It differs from the traditional Heat Index in that it is an average of the Heat Index from the hottest and coldest times of each day.

The National Weather Service initiates alert procedures when the Heat Index is expected to exceed 105°- 110°F for at least two consecutive days. (The exact Heat Index temperature used depends on specifics of the local climate.)

# **PROBLEM STATEMENT**

All jurisdictions are vulnerable to the effects of extreme heat. Extreme heat is already responsible for more weather-related deaths than any other hazard in the country; it is also one of the hazards shown to be increasing with changes in the climate.

Heat stroke and loss of life are the most significant consequences of extreme heat. While heatrelated illness and death can occur due to exposure to intense heat in just one afternoon, heat stress on the body has a cumulative effect. The persistence of a heat wave increases the danger.

The elderly in general are vulnerable to the effects of extreme and/or prolonged heat; the 2010 Census recorded 15,072 citizens in Boone County (9.3% of the population) as 65 years and older. However, any residents without access to air conditioning, or shade and water if outside, are very vulnerable to this hazard.

In addition to the human toll, prolonged extreme heat can result in livestock deaths, fish kills, and infrastructure damage; drought in conjunction with extreme heat exacerbates the situation.

# SEVERE THUNDERSTORMS (INCLUDING DAMAGING WINDS, HAIL, AND LIGHTNING)

# **DESCRIPTION OF HAZARD**

A thunderstorm is a rainstorm with thunder and lightning present. Warm, humid climates, such as that in mid-Missouri, are favorable for the formation of thunderstorms. Thunderstorms can occur during any season in Missouri but they are more frequent in the spring and summer.

The average Missourian is well aware of the hazards of the thunderstorm season; these include heavy rains and, potentially, strong winds, tornadoes, hail, and lightning strikes. The effects of heavy rains have been considered in the sections on flooding and tornadoes.

Thunderstorms can range in complexity from single cell storms through multicell cluster storms, multicell line storms (squall lines), and on to supercell storms. A single cell thunderstorm typically lasts 20-30 minutes but when numerous cells are generated, as in a multicell storm, the thunderstorm can last for hours. Supercell storms include rotation and are responsible for the generation of severe tornadoes.

Severe and <u>damaging winds</u> in the planning area are usually, but not always, associated with thunderstorms. Thunderstorm winds can reach speeds up to 100 mph and produce damage paths for hundreds of miles. According to the National Oceanic and Atmospheric Administration (NOAA), property and crop damage from thunderstorm winds is more common, and can be more severe, than damage from tornadoes. Thunderstorm wind damage accounts for half of all the NOAA reports of severe weather events in the lower 48 states.

Thunderstorm winds are often called "straight-line" winds to distinguish them from tornadoes, which have a rotational element. The following are the distinctions made between different thunderstorm winds:

- Gust front Gusty winds out ahead of a thunderstorm; characterized by a wind shift and temperature drop.
- Downbursts A strong downdraft with a width of greater than 2.5 miles which results in an outward burst of damaging winds near the ground; may possibly produce damage similar to that of a strong tornado.
- Microbursts A small concentrated downburst with a width less than 2.5 miles; generally short-lived, lasting only 5-10 minutes, with maximum wind speeds up to 168 mph.

A derecho is a widespread, massive, and violent thunderstorm wind event producing straight-line winds in excess of 70 mph and moving quickly over large areas. These are not common events; however, in the spring of 2009, a massive derecho almost as large as the state of Missouri caused extensive damage in southern Missouri and Illinois.

Much of the damage caused by high winds occurs because of falling trees; people, buildings, and vehicles may be damaged by falling trunks and branches. Power lines may be blown or knocked down and people left without electricity. In some cases, roofs are directly blown off buildings and windows are shattered.

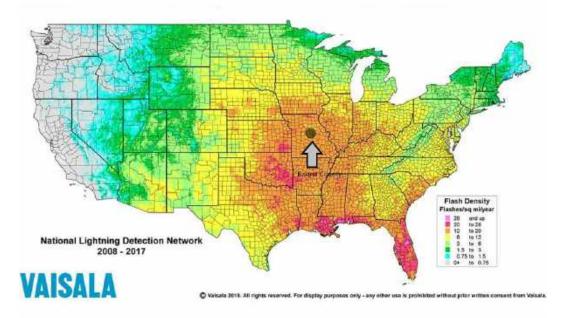
<u>Hail</u> is formed when updrafts in thunderstorms carry raindrops up to very high and cold areas where they freeze into ice. Hail, especially large sized hail, can cause severe damage and presents a threat to automobiles, airplanes, roofs, crops, livestock, and even humans.

<u>Lightning</u>, a massive electrical discharge, is produced by all thunderstorms. The electrical discharge can be within a cloud, between clouds, or between a cloud and the ground.

### Location

The entire planning area is at risk from severe thunderstorms and all the related threats accompanying them. Although these events occur similarly throughout the planning area damages are more likely to occur in more densely developed areas and areas with older homes. Boone County is located in central Missouri and has a medium flash density of 6-12 Flashes/square mile/year.

# Figure 3.34: Location and Frequency of Lightning in Missouri



Source: National Weather Service,

http://www.vaisala.com/en/products/thunderstormandlightningdetectionsystems/Pages/NLDN.aspx . Note: indicate location of planning area with a colored square or arrow.

The Planning area is in a high wind zone according to FEMA. All of the planning area is located in Zone IV and can see winds of 250 mph.

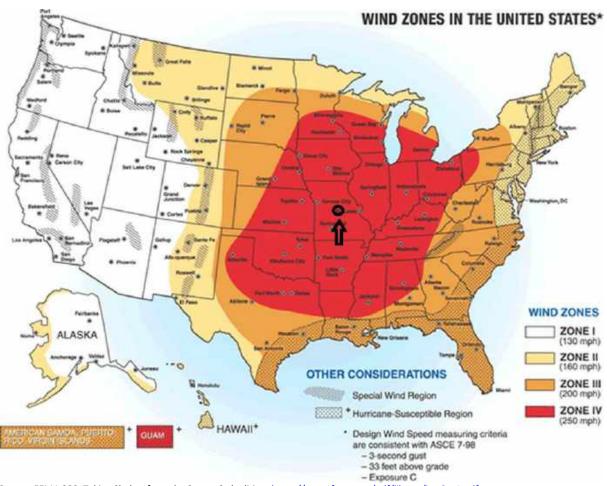


Figure 3.35 Wind Zones in the United States

Source: FEMA 320, Taking Shelter from the Storm, 3rd edition, https://www.fema.gov/pdf/library/ism2\_s1.pdf

### Strength/Magnitude/Extent

The National Weather Service considers a thunderstorm "severe" when it includes one or more of the following: winds gusting in excess of 57.5 mph, hail at least 0.75 inch in diameter, or a tornado. The NOAA database records thunderstorm events which fall into this severe classification.

Based on information provided by the Tornado and Storm Research Organization (TORRO), Table 3.41 below describes typical damage impacts of the various sizes of hail.

Intensity Category	Diamete r (mm)	Diameter (Inches)	Size Description	Typical Damage Impacts
Hard Hail	5-9	0.2-0.4	Pea	No damage
Potentially	10-15	0.4-0.6	Mothball	Slight general damage to plants, crops
Damaging				
Significant	16-20	0.6-0.8	Marble, grape	Significant damage to fruit, crops, vegetation
Severe	21-30	0.8-1.2	Walnut	Severe damage to fruit and crops, damage to glass and
				plastic structures, paint and wood scored
Severe	31-40	1.2-1.6	Pigeon's egg >	Widespread glass damage, vehicle bodywork damage
			squash ball	
Destructive	41-50	1.6-2.0	Golf ball >	Wholesale destruction of glass, damage to tiled roofs,
			Pullet's egg	significant risk of injuries
Destructive	51-60	2.0-2.4	Hen's egg	Bodywork of grounded aircraft dented, brick walls pitted
Destructive	61-75	2.4-3.0	Tennis ball >	Severe roof damage, risk of serious injuries
			cricket ball	
Destructive	76-90	3.0-3.5	Large orange	Severe damage to aircraft bodywork
			> Soft ball	
Super	91-100	3.6-3.9	Grapefruit	Extensive structural damage. Risk of severe or even
Hailstorms				fatal injuries to persons caught in the open
Super	>100	4.0+	Melon	Extensive structural damage. Risk of severe or even
Hailstorms				fatal injuries to persons caught in the open

# Table 3.41: Hail Damage by Size

Source: Tornado and Storm Research Organization (TORRO), Department of Geography, Oxford Brookes University

Notes: In addition to hail diameter, factors including number and density of hailstones, hail fall speed and surface wind speeds affect severity. http://www.torro.org.uk/site/hscale.php

According to information from NOAA, a <u>lightning</u> bolt can contain 100 million to 1 billion volts of electricity and billions of watts of energy. This energy can heat the air around the lightning 18,000 to 60,000 °F.

### **Previous Occurrences**

The NCEI is limited in its reporting of lightning due to the fact that only lightning events that result in fatality, injury and/or property and crop damage are in the NCEI. There were no direct reports of lighting for the review period in the planning area. The tables below summarize past crop damages as indicated by crop insurance claims and give insight into the magnitude of the impact on the planning area's agricultural economy.

# Table 3.42 Crop Insurance Claims Paid in Boone County from Thunderstorms,2009-2019

Crop Year	Crop Name	Cause of Loss	Insurance Paid
		Description	
2016	Corn	Other, storms	58,485
2014	Wheat	Other, storms	1,983
Total			60,468

Source: USDA Risk Management Agency, Insurance Claims, https://www.rma.usda.gov/data/cause

# Table 3.43 Crop Insurance Claims Paid in Boone County from High Winds,2009-2019

Crop Year	Crop Name	Cause of Loss	Insurance Paid
		Description	
2016	Corn	Wind	185
2011	Corn	Hot Wind	112
Total			297

Source: USDA Risk Management Agency, Insurance Claims, https://www.rma.usda.gov/data/cause

# Table 3.44 Crop Insurance Claims Paid in Boone County from Hail,2009-2019

Crop Year	Crop Name	Cause of Loss	<b>Insurance Paid</b>
		Description	
2016	Corn	Hail	926
2011	Wheat	Hail	387
2009	Corn	Hail	317
Total			1,630

USDA Risk Management Agency, Insurance Claims, https://www.rma.usda.gov/data/cause

# **Probability of Future Events**

High for damaging winds, hail, and lightning – All participating jurisdictions

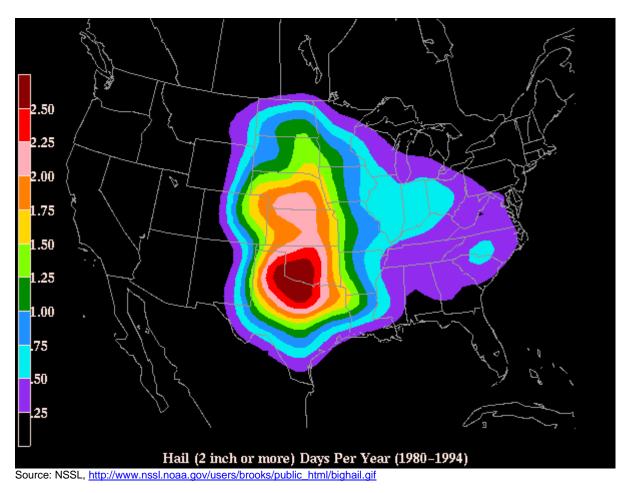
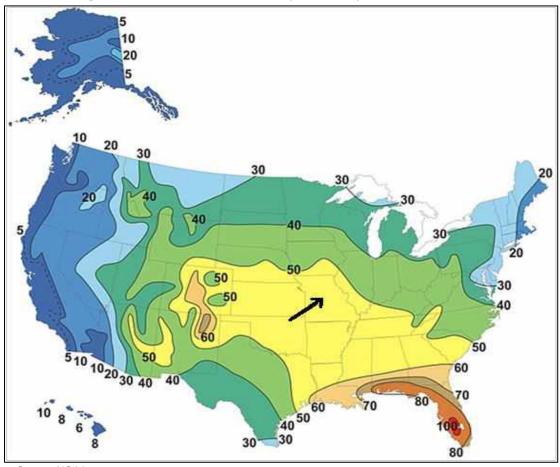


Figure 3.36 Annual Hailstorm Probability (2" diameter or larger) 1980-1994

The planning area is indicated to have at least 1 hailstorm event a year according to NOAA.

National Weather Service data indicates an average 50-60 thunderstorm days per year in Missouri (Figure 3.37).





Source: NOAA

Data from NOAA for the 10-year period (2009-2019) indicates 48 severe <u>thunderstorm wind</u> events in Boone County. There was only one year in this period (2013) without a reported severe thunderstorm wind event in the planning area. Based on this data, the calculated probability of a future severe thunderstorm wind event in any given year is 90%.

Data from NOAA for the 10-year period 2009-2019 indicates 42 severe <u>hail</u> events in Boone County. There were numerous severe hail events in the planning area each of these years. Based on this data, the calculated probability of a future severe hail event in any given year is 100%.

Data from NOAA for the 10-year period 2009-2019 indicates 5 <u>lightning</u> events in Boone County which caused property damage, injury, or death. There were six years during this period without such a reported event in the planning area. Based on this data, the calculated probability of a future lightning event causing property damage, injury, or death in any given year is 40%.

# CHANGING FUTURE CONDITIONS CONSIDERATIONS

According to the State Hazard Mitigation Plan 2018, "Predicted increases in temperature could help create atmospheric conditions that are fertile breeding grounds for severe thunderstorms and tornadoes in Missouri." These changing conditions will affect the entire planning area and should be considered when building new structures.

# VULNERABILITY

# **Vulnerability Overview**

# Measure of Severity –

Moderate to High for damaging winds, hail, and lightning - all participating jurisdictions

### **Potential Impact - Life**

Severe thunderstorms and their related hazards pose a threat to both people and animals. Windblown debris, falling trees and branches, and lightning are very dangerous to those who are exposed. Excessive damage to utilities can leave people without electricity for long periods – an especially dangerous situation for vulnerable populations.

In the NOAA data examined for Boone County, there were 2 recorded injuries due to <u>damaging</u> <u>winds</u> in a 10-year period. One instance occurred in 2011 when a tent was blown down at the fairgrounds injuring one person. The second person was injured in 2015 when a tree was blown over in a storm onto a mobile home. The person inside suffered multiple broken bones.

The NOAA data also indicates that a woman was struck and killed by <u>lightning</u> in 2009 while crossing a field at Rocky Forks Conservation area, located north of Columbia. Another woman was injured in 2011 when lightning struck her cell phone in Cosmo Park in Columbia.

<u>Hail</u> also presents a potential bodily threat to humans and livestock. In 2000, a man in Texas died from softball size hail. (The 4-inch hail recorded in Harrisburg in 2005 was only slighter smaller than this.) According to NOAA's National Severe Storms Laboratory, it has been estimated that a 3.25 inch hailstone weighing 1.5 pounds has a falling velocity of about 106 mph. There have been no reported hail injuries in the planning area in the last 10 years.

# **Potential Impact - Existing Structures**

<u>Damaging wind</u> on July 7, 2014 caused widespread damage in Columbia. Six 80-foot transmission line poles were snapped in half and large trees were uprooted over a widespread area. There were 14,000 residents who lost power in the storm; some were without power for a little over 100 hours/4.5 days. The area most badly hit included commercial businesses.

<u>Hail</u> events of a large magnitude do not happen every year in the planning area. When they do, they can cause extensive damage to roofs and windows on buildings, and dent and bust glass on vehicles that cost residents and business owners in repairs.

Property damage due to fires and shorts to electrical systems caused by <u>lightning</u> strikes can cost thousands of dollars per incident and affect electronic equipment located inside buildings and damage crops and farm structures.

# **Potential Impact - Future Development**

There has been a rapid growth in population and housing in the planning area in recent years. A larger population and more extensive built environment increase the risk of injury, loss of life, and damage from severe thunderstorms.

While the housing growth rate might be expected to be somewhat lower between since the last plan update due to a slow recovery from the recent economic recession, a significant growth rate overall is still expected; construction is once again vigorous. In Columbia, home to the University of Missouri, there has been a recent tremendous growth in housing development for student rental. Recent and planned student housing developments are transforming the downtown area of the city.

It would be wise to consider mitigation strategies for severe thunderstorms during the planning phase of any new development. The type of construction affects vulnerability to damaging winds, hail, lightning, and tornadoes. Design and construction choices, inclusion of safe rooms in projects, adequate warning sirens, and NOAA radios can all save lives.

# Hazard Summary by Jurisdiction

Boone County has been recognized by the National Weather Service as a StormReady® Community. In order to become recognized as StormReady®, the Emergency Management Agency is evaluated on its abilities to do the following:

- receive real time weather information from the NWS
- disseminate that information to the public,
- transmit real time information to the NWS
- educate the public regarding weather hazards/protection

Boone County has a large population of Mobile Homes. There is no requirement in Boone County for tie-downs on mobile homes; however, updated electric service cannot be obtained for a mobile home in the county unless the home is tied down.

The City of Columbia is a densely populated area that incurs high costs when damaging storm events move through. While the city has done much to help mitigate losses through underground utilities in portions of the city and educating residents about shelter sites its density and number of aging structures make it vulnerable to storm damage.

There is a storm siren located in or near each jurisdiction in the planning area that can be sounded remotely from the EOC if a storm of damaging proportions is coming.

# **PROBLEM STATEMENT**

Thunderstorms with damaging winds, hail, and lightning are common, dangerous, and often costly occurrences in the planning area. These weather events can be expected almost every year and every jurisdiction is highly vulnerable to these hazards.

Both human life and the built environment are at risk; the impact on the built environment has been quite costly in the past and this can be expected to continue into the future.

Public awareness education, excellent weather coverage by the local media, an excellent outdoor warning system, and regular emergency exercises in the schools help mitigate the risk to human life. However, there is a great need throughout the planning area for more safe rooms to protect from high wind events; this is especially true in the schools. Additionally, more vigorous promotion of NOAA radio use would help protect the general public. Additional generators and power transfer hookups are needed in case of widespread and/or lengthy power outages. All of these identified needs have been targeted for action in the mitigation strategy; funding remains an issue for the more costly safe rooms and generators/power transfer hookups.

# SEVERE WINTER WEATHER (INCLUDING ICE, SNOW, AND SEVERE COLD)

# HAZARD PROFILE

### **Hazard Description**

Winter storms in central Missouri contain ice, snow, severe cold, sleet, and wind; each of these associated factors has the potential to disrupt life in the region by making normal activity difficult and/or dangerous. The National Weather Service describes different types of winter storm events as follows:

- <u>Blizzard</u> Winds of 35 miles per hour or more with snow and blowing snow reducing visibility to less than <sup>1</sup>/<sub>4</sub> mile for at least three hours.
- <u>Blowing Snow</u> Wind-driven snow that reduces visibility. Blowing snow may be falling snow and/or snow on the ground picked up by the wind.
- <u>Snow Squalls</u> Brief, intense snow showers accompanied by strong, gusty winds. Accumulation may be significant.
- <u>Snow Showers</u> Snow falling at varying intensities for brief periods of time. Some accumulation is possible.
- <u>Freezing Rain</u> Measurable rain that falls onto a surface with a temperature below freezing. This causes it to freeze to surfaces, such as trees, cars, and roads, forming a coating or glaze of ice. Most freezing-rain events are short lived and occur near sunrise between the months of December and March.
- <u>Sleet</u> Rain drops that freeze into ice pellets before reaching the ground. Sleet usually bounces when hitting a surface and does not stick to objects.

### **Geographic Location**

The entire planning area is at risk from severe winter weather. This includes heavy snow, ice, extreme cold temperatures, and freezing rain. The planning area falls in the 9-12 hours a year average for freezing rain.

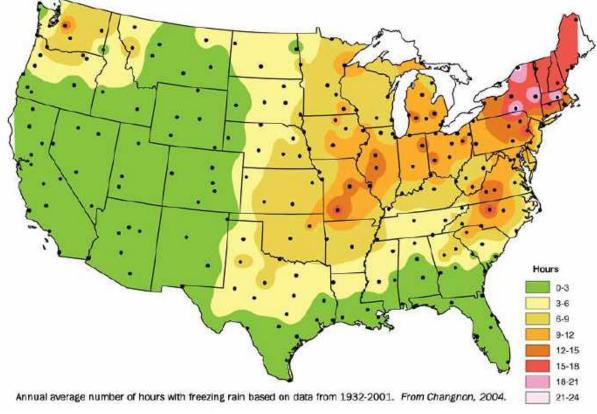


Figure 3.38 Average Hours of Freezing Rain a Year

Source: <u>https://mrcc.illinois.edu/living\_wx/icestorms/</u>

# Strength/Magnitude/Extent

The entire planning area is at risk for a variety of winter weather. There are various levels of alerts for various conditions of winter weather. The National Weather Service may issue any of the following as conditions warrant.

Table 3.45	
	National Weather Service Winter Warnings
Winter Weather Advisory	Winter weather conditions are expected to cause significant inconveniences and may be hazardous. If caution is exercised, these situations should not become life-threatening. The greatest hazard is often to motorists.
Winter Storm Watch	Severe winter conditions, such as heavy snow and/or ice, are possible within the next day or two.
Winter Storm Warning	Severe winter conditions have begun or are about to begin in your area.
Blizzard Warning	Snow and strong winds will combine to produce a blinding snow (near zero visibility), deep drifts, and life-threatening wind chill. Seek refuge immediately.

Ice storm Warning	Dangerous accumulations of ice are expected with generally over one quarter inch of ice on exposed surfaces. Travel is impacted, and widespread downed trees and power lines often result.		
Wind Chill Advisory	Combination of low temperatures and strong winds will result in wind chill readings of –20 degrees F or lower		
Wind Chill Warning	Wind chill temperatures of -35 degrees F or lower are expected. This is a life-threatening situation.		

As the duration of a winter weather event goes longer, the potential for increased severity also rises. Prolonged events tax resources for residents and businesses.

### **Previous Occurrences**

Date	Event Type	Injuries	
01/01/2010	Cold/Wind Chill	0	
01/06/2010	Winter Weather	0	
01/19/2011	Heavy Snow	0	
01/31/2011	Winter Storm	0	
02/01/2011	Winter Storm	0	
02/01/2011	Blizzard	0	
02/21/2013	Heavy Snow	0	
02/25/2013	Heavy Snow	0	
03/24/2013	Heavy Snow	0	
12/21/2013	Winter Storm	0	
01/05/2014	Winter Storm	0	
01/06/2014	Cold/Wind Chill	0	
02/04/2014	Winter Storm	0	
11/25/2018	Blizzard	0	
01/11/2019	Heavy Snow	0	
02/06/2019	Ice Storm	0	
12/15/2019	Winter Storm	0	

Table 3.46 NCEI Boone	<b>County Winter</b>	Weather Events	Summary, 2009-2019
Table 3.40 MCEL Doolle	county minut	vication Livents	Summary, 2007-2017

Source: <u>https://www.ncdc.noaa.gov/stormevents/listevents</u>

2019 was an active winter weather season. In January 2019 the planning area saw several rounds of snowfall leading to a depth recording at the Columbia Regional Airport of 16.9 inches. Numerous traffic incidents were reported during and after the round of heavy snow. In February of the same year the northern half of the planning area saw a quarter inch of ice that downed power lines and tree limbs in the Centralia area.

Winter weather can also take a toll on crops in the area. Unseasonable cold snaps and late frosts can kill and damage crops costing thousands of dollars in insurance claims.

# Table 3.47 Crop Insurance Claims Paid in Boone County as a Result of Cold Conditionsand Snow 2009-2019

Crop Year	Crop Name	Cause of Loss Description	Insurance Paid (\$)
2009	Wheat	Cold/Wet	14,095
2010	Wheat	Cold/Winter	355
2010	Wheat	Cold/Winter	2,222
2010	Wheat	Cold/Wet	11,598
2010	Wheat	Cold/Wet	28599
2010	Wheat	Cold/Wet	-
2010	Corn	Cold/Wet	495
2011	Wheat	Cold/Winter	20,791
2011	Wheat	Cold/Winter	6,206
2011	Wheat	Cold/Wet	7,751
2011	Wheat	Cold/Wet	1,265
2011	Corn	Cold/Wet	2,212
2011	Corn	Cold/Wet	7,395
2011	Soybeans	Cold/Wet	1,477
2012	Corn	Cold/Wet	2,272
2012	Corn	Cold/Wet	1,818
2013	Wheat	Cold/Winter	2,627
2013	Wheat	Cold/Winter	94
2013	Wheat	Cold/Winter	1,255
2013	Wheat	Cold/Winter	3,616
2013	Wheat	Cold/Winter	15,313
2013	Wheat	Cold/Wet	216
2013	Corn	Cold/Wet	904
2014	Wheat	Cold/Winter	1,434
2014	Wheat	Cold/Winter	10,108
2014	Wheat	Cold/Winter	196
2014	Wheat	Cold/Winter	23,558
2014	Wheat	Cold/Winter	214
2014	Wheat	Cold/Wet	6,271
2014	Wheat	Cold/Wet	1,113
2014	Soybeans	Cold/Wet	546
2015	Wheat	Cold/Wet	35,778
2015	Soybeans	Cold/Wet	1,385
2017	Corn	Cold/Wet	6,168
2017	Soybeans	Cold/Wet	5,295
2018	Wheat	Cold/Wet	4,095
2018	Wheat	Cold/Wet	493
2018	Corn	Cold/Wet	7,824
2018	Corn	Cold/Wet	83,377
2018	Grain Sorgham	Cold/Wet	11,364
2018	Soybeans	Cold/Wet	6,845
2019	Wheat	Cold/Wet	128,876
2019	Wheat	Cold/Wet	19,130

2019	Corn	Cold/Wet	47,077
2019	Corn	Cold/Wet	33,792
2019	Soybeans	Cold/Wet	5,667

Source: https://www.ncdc.noaa.gov/stormevents/listevents

### **Probability of Future Occurrence**

– High for all participating jurisdictions

The historical data indicates there were 5 years (2009, 2012, 2015, 2016, 2017) without a severe winter weather event in the period 2009-2019, a 10-year period; most years witnessed multiple events. Based on this historical data, the calculated probability of a severe winter weather event in any year is 50%. (Probability calculation: 1 - (5/10) = 0.5)

# **Changing Future Conditions Considerations**

As temperatures rise and shorten the winter season there could be ecological impacts to plant and animal species that could cause them to shift their native territory. An increase in precipitation events throughout the winter months and a general saturation of the ground could increase the likelihood of flooding events and freezing rain or ice storm events in the planning area.

# VULNERABILITY

### Vulnerability Overview

Measure of Severity - Moderate to High for all participating jurisdictions

Severe winter weather presents a risk to both life and property in the planning area. Some of the damage is direct but some comes in the form of economic losses due to closed businesses and schools and slowed or halted transportation.

# **Potential Impact - Life**

Many deaths and injuries from winter storms are a result of traffic accidents caused by a combination of poor driving surfaces and speeds too fast for the conditions. Accidents during winter storms can be particularly devastating because of multiple car involvement. Response times for emergency vehicles may also be slowed by poor road conditions.

Strenuous outdoor activity in extreme cold can also be life threatening. In March 1998, an 84year old woman in Columbia died of a heart attack while shoveling snow. The elderly are especially vulnerable to excessive and/or prolonged cold or heat.

# **Potential Impact - Existing Structures**

Much of the property damage that occurs from severe winter weather is due to some type of utility failure:

<u>Power Lines</u> - Ice storms often adversely impact consistent power supplies. Ice buildup on wires can cause them to fall; downed tree limbs downed can knock out power lines. Prolonged power outages can be a threat for those relying on electricity for heat. This is a particular concern for more vulnerable populations such as the elderly. <u>Water Lines</u> - Winter storms and the associated cold weather can be problematic for water lines, especially if a rapid freeze/thaw cycle is involved. As the ground freezes and thaws, pipes can shift and sometimes break causing a lack of potable water. Broken pipes can cause extensive and expensive damage to property. Frozen and burst water pipes are a real concern for the homeowner; the pipes in many homes in the planning area were not insulated in the past to protect from the low temperatures currently experienced.

### **Potential Losses to Future Development**

The rapid growth in the planning area, especially in and around the cities of Ashland and Columbia is increasing the vulnerability to severe winter weather. As utility and infrastructure increases, so does the vulnerability to this hazard.

# **Previous and Future Development**

Measure have been taken by some jurisdictions to help mitigate future impacts on community growth. The Boone County Electric Cooperative, City of Centralia, and City of Columbia Water and Light Department have policies regarding tree trimming and brush removal around power lines. Consistent maintenance of trees and brush around utility lines limits the possibility of power outages during a severe winter storm. Maintenance also makes financial sense because repairing fallen utility lines and poles is costly and dangerous. Such jurisdictions, including Ashland and Hallsville, also have policies in place regarding moving electrical lines underground when possible.

### Hazard Summary by Jurisdiction

Unincorporated Boone County is at high risk for winter weather impacts. It has miles of above ground utility lines that can be brought down by heavy snow or ice and even more miles of road network to clear for travelers and first responders. A large portion of Boone County is dedicated to agriculture leaving tender crops susceptible to late season frosts.

The City of Columbia's dense nature leaves a large population vulnerable in the event of a power outage from winter weather. Both Columbia and Ashland have experienced rapid growth opening them up for vulnerability, but also the opportunity to build in resiliency through building codes and the requirement to underground new utilities.

Lack of growth and aging systems in smaller jurisdictions such as Huntsdale, Hartsburg, and Harrisburg leaves them vulnerable to power outages. Older homes can have trouble carrying snow loads during heavier storms.

# **PROBLEM STATEMENT**

Severe winter weather is one of the most common and costly natural hazards to affect the planning area; it has been responsible for three federal Emergency Disaster Declarations and five Presidential Disaster Declarations for Boone County since 2002. In addition, climate data

indicates that winter storms are increasing due to changes in the climate. All participating jurisdictions are vulnerable to this hazard.

Some of the worst problems from severe winter weather occur when ice storms affect the area; widespread and lengthy power outages can occur. In addition, traffic accidents are a major source of injuries during severe winter weather.

The planning area has numerous mitigation activities in place which help mitigate the hazards associated with severe winter weather: active tree trimming programs to protect power lines; excellent media coverage of winter weather advisories and warnings; a snowplowing plan whereby streets critical for emergency procedures receive first priority; and abundant Red Cross certified shelters.

### TORNADO

### **DESCRIPTION OF HAZARD**

A tornado is a violently rotating column of air which is usually generated by a supercell thunderstorm. The movement speed of a tornado is typically around 10-20 mph but can range from almost stationary to more than 60 mph, according to NOAA's National Severe Storms Laboratory. They often travel from southwest to northeast but can move in any direction.

Tornadoes occur most frequently in late afternoon and early evening but can occur at any time; they tend to dissipate as fast as they form. Unlike a hurricane, which can last for multiple hours, tornadoes are often in one place for no more than a few minutes. The seasonal, temporal, and spatial uncertainties surrounding thunderstorms and tornadoes make widespread and year round preparedness essential.

#### Location

The entire planning area is at risk from tornadoes. All of Missouri is located in the zone known as Tornado Ally where the occurrence of tornadoes of varying intensities are common.

#### Strength/Magnitude/Extent

The Enhanced Fujita or EF-Scale (Table 3.46) is currently used in the United States to classify tornadoes. It is based on engineering studies of the wind effects on 28 different types of structures (buildings, towers, poles, trees). This indirect measurement of speed is used because it is currently not possible to measure ground-level speeds in strong tornadoes; the winds destroy the instruments needed for measurement.

In addition to estimated wind speeds, averaged data from tornadoes can give an idea of the length and width of tornadoes in the different classifications.

FUJITA SCALE			DERIVED EF SCALE		OPERATIONAL EF SCALE	
F Number	Fastest <sup>1</sup> /4-mile (mph)	3 Second Gust (mph)	EF Number	3 Second Gust	EF Number	3 Second Gust
0	40-72	45-78	0	65-85	0	65-85
1	73-112	79-117	1	86-109	1	86-110
2	113-157	118-161	2	110-137	2	111-135

### Table 3.46 Enhanced F Scale for Tornado Damage

3	158-207	162-209	3	138-167	3	136-165
4	208-260	210-261	4	168-199	4	166-200
5	261-318	262-317	5	200-234	5	Over 200

Source: The National Weather Service, <u>www.spc.noaa.gov/faq/tornado/ef-scale.html</u>

The EF-Scale has been in use since February 1, 2007. It uses the same ratings as the original Fujita Scale (F-Scale) which it replaced, but the wind speeds have been adjusted to reflect current knowledge and give a more realistic estimate of wind speeds for all tornadoes, including historical ones in the NOAA database. The ratings of tornadoes prior to 2007 were not changed in the NOAA database with the adoption of the EF-Scale.

There continue to be limitations even with the EF-Scale since the scale is based on sustained damage. The table below list damage summaries for their respective EF rating.

Enhanced Fujita Scale								
Scale	Wind Speed	Relative	Potential Damage         Light. Peels surface off some roofs; some damage to gutters or siding; branches broken off trees; shallow-rooted trees pushed over. Confirmed tornadoes with no reported damage (i.e. those that remain in open fields) are always rated EF0).					
	(mph)	Frequency						
EF0	65-85	53.5%						
EF1	86-110	31.6%	Moderate. Roofs severely stripped; mobile homes overturned or badly damaged; loss of exterior doors; windows and other glass broken.					
EF2	111-135	10.7%	Considerable. Roofs torn off well-constructed houses; foundations of frame homes shifted; mobile homes complete destroyed; large trees snapped or uprooted; light object missiles generated; cars lifted off ground.					
EF3	136-165	3.4%	Severe. Entire stores of well-constructed houses destroyed; severe damage to large buildings such as shopping malls; trains overturned; trees debarked; heavy cars lifted off the ground and thrown; structures with weak foundations blown away some distance.					
EF4	166-200	0.7%	Devastating. Well-constructed houses and whole frame houses completely levelled; cars thrown and small missiles generated.					
EF5	>200	<0.1%	Explosive. Strong frame houses levelled off foundations and swept away; automobile-sized missiles fly through the air in excess of 300 ft.; steel reinforced concrete structure badly damaged; high rise buildings have significant structural deformation; incredible phenomena will occur.					

 Table 3.47 Enhanced Fujita Scale with Potential Damage

Source: NOAA Storm Prediction Center, http://www.spc.noaa.gov/efscale/ef-scale.html

Another issue with tornadoes is speed of onset. Technological advances, such as Doppler radar, computer modeling, and Emergency Warning Systems, have increased the amount of time the general public has to respond to a tornado. Despite these advances, tornadoes can still strike an area with little warning. Often people have no more than a few minutes to get to safety. Being able to quickly get to a safe place is absolutely imperative in order to prevent loss of life.

### **Previous Occurrences**

The planning area has experienced thirty-two tornado events since July 1954, as officially recorded by NOAA (Figure 3.48). This includes five "significant" F2 tornadoes and three "severe" F3 tornadoes.

The historical record in the planning area over this 60+ period indicates tornadoes in the EF0 to EF3 range. While history is informative, it is not necessarily predictive of the future; there is the possibility that the planning area could experience a tornado above the EF3 level in the future.

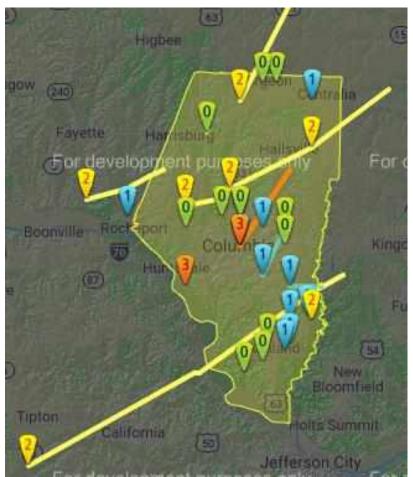
In addition, many historical tornadoes may have been stronger than the data indicates. According to the NOAA website, "...because the only way we can compare all tornadoes is by whatever damage they caused, and EF5/F5 damage is only possible when tornadoes hit well-built structures, the true 'violence' of most historical tornadoes is unknown—especially before the middle to late 20<sup>th</sup> century."

Table 3.48

Historical Tornado Occurrences											
Location	Date	Length (miles)	Width (Yard)	Magnitude	Deaths	Injuries	Property Damage	Crop Damage			
Boone County	04/30/54	89.6	100	F2	0	0	50K	0			
Boone County	12/04/56	11.1	400	F2	0	0	250K	0			
Boone County	09/27/59	6.4	50	F2	0	0	50k	0			
Boone County	09/28/59	0.1	10	F1	0	0	3K	0			
Boone County	10/04/59	0.2	17	F0	0	0	3K	0			
Boone County	10/04/59	0.2	10	F0	0	0	3K	0			
Boone County	01/25/65	0.1	10	F0	0	0	0K	0			
Boone County	12/08/66	2.5	73	F1	0	0	25K	0			
Boone County	09/07/72	0.1	33	F1	0	0	25K	0			
Boone County	03/13/73	6.1	50	F1	0	0	25K	0			
Boone County	05/26/73	3	50	F2	0	1	250K	0			
Boone County	12/04/73	0.1	10	F0	0	0	25K	0			
Boone County	05/12/80	42.7	50	F2	0	0	25K	0			
Boone County	04/16/82	0.3	50	F0	0	0	0K	0			
Boone County	05/29/82	0.1	20	F1	0	0	3K	0			
Boone County	04/03/84	0.3	27	F1	0	0	0K	0			
Boone County	04/29/84	0.3	10	F1	0	0	25K	0			
Boone County	10/16/84	4	50	F1	0	0	25K	0			
Boone County	06/17/85	1	100	F1	0	0	2.5M	0			
Boone County	06/02/87	1	20	F0	0	1	0K	0			
Boone County	11/27/90	1	50	F3	0	0	250K	0			
Boone County	11/27/90	12	50	F3	0	3	25.0M	0			
Boone County	07/02/92	0.5	50	F1	0	0	250K	0			
Boone County	07/02/92	0.2	23	F0	0	0	0K	0			
Columbia	07/08/95	0.2	80	F0	0	0	0	0			
Columbia	11/10/98	2	70	F3	0	16	6.0M	0			
Midway	04/08/99	4	120	F2	0	5	0	0			
Hinton	04/08/99	10	120	F2	0	0	0	0			

Ashland	02/25/00	0.2	50	F0	0	0	0	0
Centralia	03/26/00	0.3	150	F1	0	0	50K	0
Midway	05/17/01	0.1	50	F0	0	0	0	0
Harrisburg	07/07/16	0.34	50	EF0	0	0	0	0
TOTALS:					0	26	34.81M	0

Figure 3.39 Boone County Map of Historic Tornado Events



Crop losses from 2009-2019 total around \$60,765 for storm and wind damage. While USDA's Risk Management division doesn't list tornado as the cause for any of those damages high winds and thunderstorm-like conditions often accompany systems that can produce tornados.

# **Probability of Future Occurrences**

High - all participating jurisdictions

For the period 1954-2019, a 66-year period, the NOAA database reports 20 years with at least one tornado event in the planning area. Based on this historical data, the calculated probability of a future tornado event of any magnitude in a year is 30%.

The probabilities of occurrence of the different magnitudes of tornadoes in any given year, based on historical data, has also been calculated (Figure 4.54). While the calculated probabilities for an EF4 or EF5 tornado are 0%, this does not mean tornadoes of these magnitudes could not occur in the planning area; it just means they have not occurred in the historical record.

Table 3.49					
<b>Probability of Future Tornado Events</b>					
EF- Scale	# of years with tornado event (1954- 2019)	Probability	Probability Rating		
All	20	30%	High		
EF0	8	12%	High		
EF1	10	15%	High		
EF2	6	9%	Moderate		
EF3	2	3%	Moderate		
EF4	0	0%	Low		
EF5	0	0%	Low		

# **Changing Future Conditions Considerations**

It is not confidently known how the change in climate could impact the frequency or severity of future tornadic activity. While the activity zone has not expanded according to the State Hazard Mitigation Plan 2018 the number or tornados has gone up since the 1950s. More studies will be needed to know the true impact over time.

# Vulnerability

**Vulnerability Overview** 

#### **Measure of Severity**

High - all participating jurisdictions

The destructive effects of a tornado depend on the strength of the winds, proximity to people and structures, the strength of structures, and how well a person is sheltered. They are obviously a hazard with the potential to cause both great loss of life and catastrophic destruction. The whole planning area is located in "Tornado Ally" where historically dangerous and destructive tornados occur frequently.

Figure 3.40 Tornado Alley in the U.S.



# **Potential Losses to Existing Development**

# **Potential Impact - Life**

While tornadoes can strike anywhere, there is a greater chance of injury and loss of life (and destruction of property) in population centers. This is especially true of a tornado with a large path.

There have been 26 reported injuries associated with recorded tornadoes in the planning area.

# **Potential Impact - Existing Structures**

Tornadoes cause the most costly physical destruction when they touch ground in urban areas. High winds affect all structure types differently; non-permanent and wood framed structures are especially vulnerable to destruction.

In addition to a direct hit on a building by a tornado, damage to trees poses a serious threat. People, buildings, power lines, and vehicles are all at risk from falling branches, uprooted trees and windblown debris.

There has been \$34.81 million in reported property damages associated with recorded tornadoes in the planning area.

<u>Missouri State Hazard Mitigation Plan (2018)</u> Analysis: The State Hazard Mitigation Plan looked at four variables to determine tornado vulnerability in the counties of Missouri:

- Likelihood of future tornado impacts
- Average annual property loss ratio (total building exposure value divided by average annualized historic losses)
- Population Density
- Social vulnerability
- Percent mobile home

Since tornadoes are random in their location, it was decided to consider the low end of the vulnerability scale to have a Moderate Risk and the high end to have a Very High Risk. The planning area/Boone County was rated as medium vulnerability.

The State Plan set the Total Building Exposure in the planning area at \$18,473,209,000.

#### **Previous and Future Development**

There has been a rapid growth in population and housing in the planning area in recent years. A larger population and more extensive built environment increase the risk of injury, loss of life, and damage from tornadoes. Census figures indicate an overall population growth rate of 20% in the planning area (Boone County) between 2000 and 2010; housing units increased by 23% during this period.

While the housing growth rate might be expected to be somewhat lower between 2010 and 2020 due to a slow recovery from the recent economic recession, a significant growth rate overall is still expected; construction is once again vigorous. In Columbia, home to the University of Missouri, there has been a recent tremendous growth in housing development for student rental. Recent and planned student housing developments are transforming the downtown area of the city.

It would be wise to consider mitigation strategies for tornadoes and other high wind situations during the planning phase of any new development. The type of construction greatly affects vulnerability to tornadoes and high winds. Design and construction choices and the inclusion of hardened areas for safe rooms can save lives.

# Hazard Summary by Jurisdiction

There are a variety of strategies in place in the planning area by which the public can be informed of the threat of tornadoes. Each jurisdiction has a storm siren inside or near their city limits to warn residents of incoming inclement weather. All jurisdictions have a designated shelter places. There is a lack of FEMA rated saferooms in the planning area though.

3.9% of homes in Boone County are listed as mobile homes. There is no requirement in Boone County for tie-downs on mobile homes; however, updated electric service cannot be obtained for a mobile home in the county unless the home is tied down.

The City of Hallsville uses the large basement of the Hallsville Baptist Church as a tornado safe room. There is one mobile home park in the city which is located very close to the church; all residents of the park are aware that this is the safe location in event of a tornado.

# SUMMARY OF VULNERABILITY

The entire planning area is highly vulnerable to the potentially devastating impact of tornadoes. Their random nature and potentially quick speed of onset pose particular risks for human life. Tornadoes of the magnitude known to historically occur in the area can wreak extensive and costly structural damage.

Public awareness education, excellent weather coverage by the local media, an excellent outdoor warning system, and regular emergency exercises in the schools help mitigate the risk to human life. However, there is a great need throughout the planning area for more safe rooms to protect from high wind events; this is especially true in the schools. Additionally, more vigorous promotion of NOAA radio use would help protect the general public. Additional generators and power transfer hookups are needed in case of widespread and/or lengthy power outages. All of these identified needs have been targeted for action in the mitigation strategy; funding remains an issue for the more costly safe rooms and generators/power transfer hookups

#### WILDFIRE

# HAZARD PROFILE

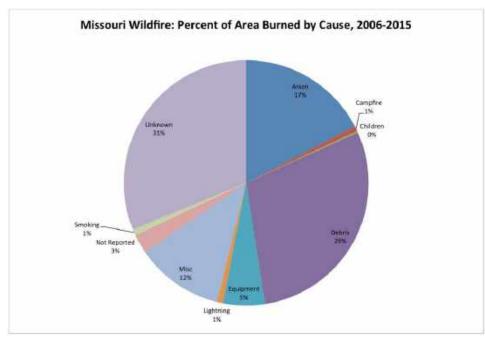
#### **HAZARD DESCRIPTION**

Large and widespread wildfires, such as occur in the western United States, have not been a problem in Boone County in recent history. However, smaller wildfires/natural cover fires occur every year.

These fires may take place at any time of the year but the majority occur during the spring fire season (February 15 - May 10). Spring is the time of the year when rural residents burn garden spots and brush piles. Many landowners also believe it is necessary to burn the woods in the spring to grow more grass, kill ticks, and get rid of brush. These factors, combined with low humidity and high winds, result in higher fire danger at this time of year. The spring fire season abates with the growth of the new season's grasses and other green vegetation.

Numerous fires also occur in October and November due to the dryness associated with fall in Missouri. Many rural residents use this time of year to burn leaves and debris thus raising the possibility of a fire which burns out of control.

The major causes of wildfires in Missouri are various human activities, according to statistics from the Missouri Department of Conservation (Figure 3.41).



Source: Missouri Department of Conservation

#### **Geographic Location**

The rural areas of Boone County are most at risk from wildfires because that is where the primary causative factor, debris burning, is most common.

In addition to the risk faced by rural areas, there is an increased risk of wildfire in areas called the Wildland Urban Interface (WUI). The National Wildfire Coordinating Group (NWCG) defines the WUI as "...the line, area, or zone where structures and other human development meet or intermingle with undeveloped wildland or vegetative fuel."

Within the WUI there are three defined Community types vulnerable to Wildfire:

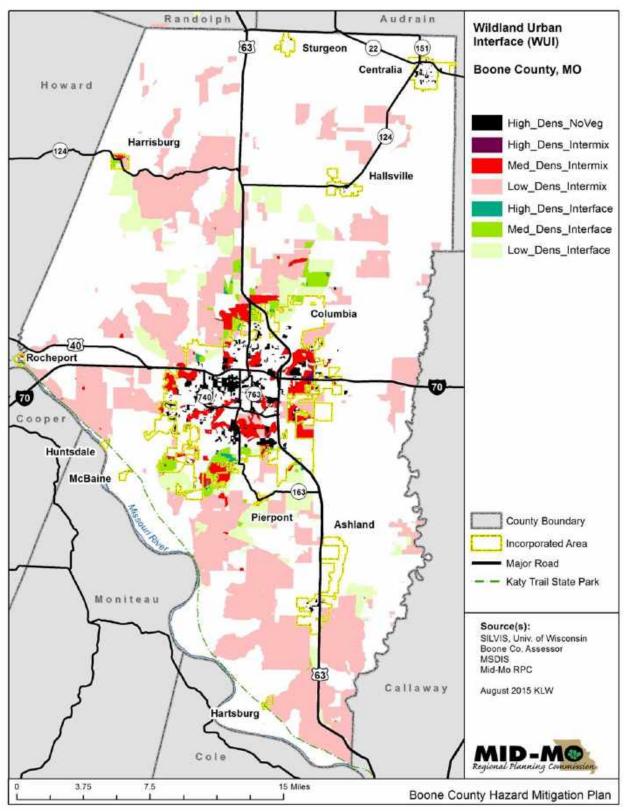
Interface Community - Structures directly abut wildland fuels. There is a clear line of demarcation between wildland fuels and residential, business, and public structures. Wildland fuels do not generally continue into the developed area. The development density for an interface community is usually three or more structures per acre, with shared municipal services.

Intermix Community - Structures are scattered throughout a wildland area. There is no clear line of demarcation; wildland fuels are continuous outside of and within the developed area. The development density in the intermix ranges from structures very close together to one structure per 40 acres.

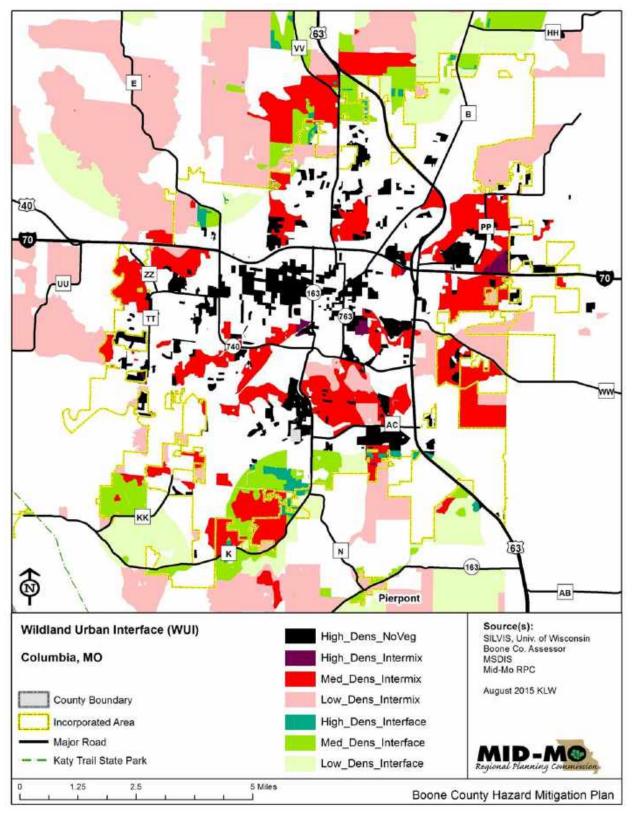
Occluded Community - Often found within a city, structures abut an island of wildland fuels (e.g. park or open space). There is a clear line of demarcation between structures and wildland fuels. The development density is usually similar to those found in the interface community, but the occluded area is usually less than 1,000 acres in size.

An overview of the WUI for the planning area is shown in Figure 3.42. Columbia, Harrisburg, Hartsburg, and Rocheport all incorporate significant areas of medium or high-density wildland interface and/or intermix (Figures 3.42-3.46). Huntsdale incorporates only a small portion of medium density intermix (Figure 3.47).

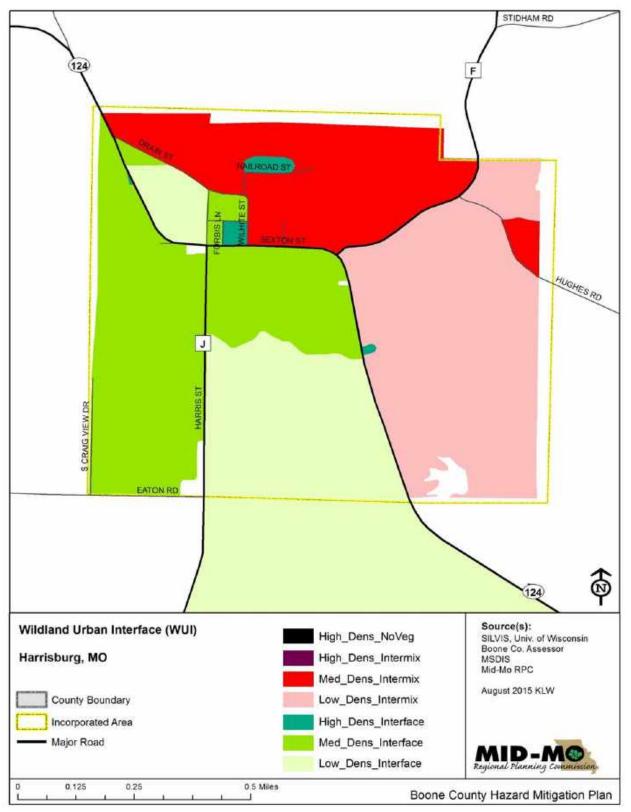




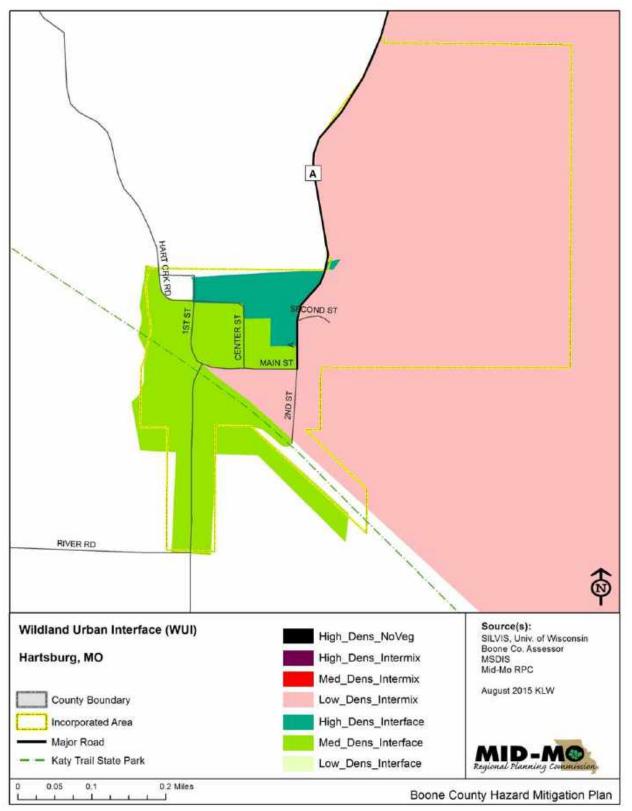
#### Figure 3.43



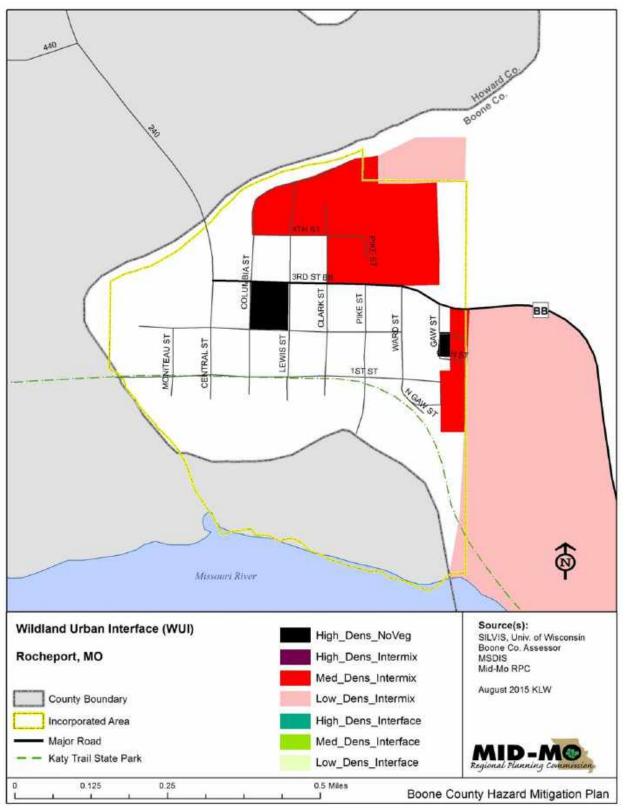




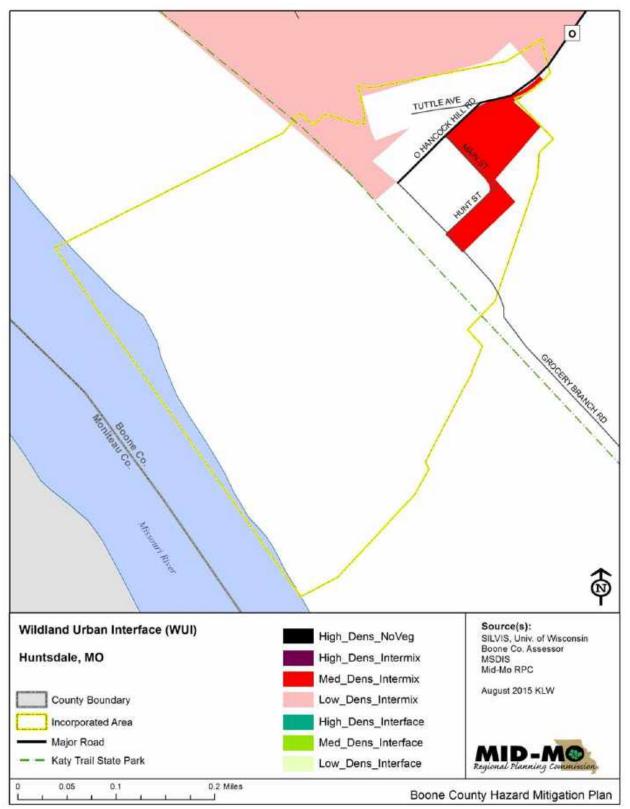












# Strength/Magnitude/Extent

Most wildfires in the planning area are of limited duration due to the quick response of the fire districts. Wildfires in the area still damage the environment by killing some plants and occasionally animals. Damage to plants can heighten the risk of soil erosion and landslides. Wildfires in the planning area could also impact recreation and tourism, or reduce visibility on roadways with heavy smoke making it dangerous to drive too close to a blaze.

Wildfires are very common in the planning area. According to information from the Boone County Fire Protection District (BCFPD), there are hundreds every year. Most of these fires only require 50' by 50' fire lines; however, there are perhaps ten fires a year which burn over 10 acres. Fires of this size require a large amount of resources to put out.

#### **Previous Occurrences**

Wildfires in the planning area typically destroy crops, hay fields, green space, and woods; there have also been losses of barns, farming equipment and trucks from some fires. During the 2012 drought, a grass fire caused fire damage to a house in the City of Columbia.

#### **Probability of Future Occurrences**

Probability: High – Boone County Moderate - Columbia, Harrisburg, Hartsburg, Rocheport Low – All other participating jurisdictions

The probability of wildfires increases during conditions of excessive heat, dryness, and drought. The probability is also higher in spring and late fall. There's only been 1 reported structure fire caused by a grass fire in the last 20 years for a probability of 5% on any given year.

#### **Changing Future Conditions Considerations**

Raising temperatures and more sporadic rains with longer periods of dry between rain events could affect vegetation and the number of days prescribed burns can safely be performed. With increased rainfall can be expected to come an abundance of plant growth that won't be able to be renewed with less prescribed burns making more fuel for fires that potentially get out of control. An increase in droughts and dry vegetation not only in the forest but around homes in the form of depleted landscaping material creates heightened risk for structures to overtaken by wildfires.

#### VULNERABILITY

#### **Vulnerability Overview**

Severity: Moderate – Boone County, Columbia, Harrisburg, Hartsburg, Rocheport Low – All other participating jurisdictions

There are limitations to the data concerning wildfires. Current presentations utilize data from the National Fire Incident Reporting System (NFIRS) from 2004 to 2008 to determine vulnerability for the State Plan. With only 61 percent of fire departments in Missouri reporting to NFIRS it is hard to get a thorough overview of the rate at which fires happen and how much damage they truly cause.

#### **Potential Losses to Existing Structures**

While wildfires in the central Missouri area have the potential to destroy buildings, data from the entire Mid-MO RPC region indicates that this is more the exception than the rule. While there has been damage to built structures and vehicles in Boone County, wildfires are usually quickly suppressed and the damage to the built environment is minimal.

#### **Potential Losses to Future Development**

As development proceeds in the planning area, there is the potential for the increase in the Wildland Urban Interface (WUI); this interface puts more of the built environment at risk for structural damage from wildfire.

#### Hazard Summary by Jurisdiction

Columbia, Harrisburg, Hartsburg, and Rocheport all incorporate significant areas of medium or high-density wildland interface and/or intermix. This makes them more susceptible to damages from out of control burning. Huntsdale incorporates only a small portion of medium density intermix and is slightly less susceptible. Columbia has a burning ordinance in place to help control when, where, and what is being burnt in an effort to promote smart burning practices and good communication to responders if a controlled burn were to become less under control.

Many wildfires in the planning area take place in unincorporated Boone County where burning has less oversight in general. The Missouri Revised Statute 49.266, adopted in August 2013, confers the right of county commissions to adopt an order or ordinance issuing a burn ban.

Emergency response systems, well trained fire departments, and numerous county roads improve response times to fire events, thus decreasing the chances of fire spread.

# **PROBLEM STATEMENT**

Wildfire is not a major threat in the planning area; however, all participating jurisdictions are potentially vulnerable. While wildfires occur on a regular basis, they are usually easily suppressed by a quick response from the fire districts and thus limited in their spread and destruction.

The threat is greatest in unincorporated Boone County, where most of the fires occur, and in Columbia, Harrisburg, Hartsburg, and Rocheport which incorporate significant areas of medium or high-density wildland urban interface or intermix.

# **Technical and Human-Made Risk Assessment**

# TECHNOLOGICAL AND HUMAN-MADE HAZARDS AFFECTING THE PLANNING AREA

In addition to natural hazards, the following technological/human hazards have been identified as posing potential risk in Boone County and are profiled in this plan in Section 5:

- Public Health Emergency
- Hazardous Materials Release
- Transportation Incident
- Nuclear Incident
- Utility Service Disruption
- Telecommunications Disruption
- Cyber Attack
- Unwanted Intruder/Active Shooter
- Terrorism
- Civil Disorder
- Mass Casualty/Fatality Event

A summary of the Probability and Severity ratings for technological/human-made hazards in each of the participating jurisdictions is shown in Figure 4.1.

# PUBLIC HEALTH EMERGENCY

# HAZARD PROFILE

# HAZARD DESCRIPTION

Public health emergencies straddle the divide between natural and human-made hazards. There are any number of potential situations which can give rise to a public health emergency including:

- Communicable disease epidemic
- Radiological, chemical or biological terrorism
- Hazardous material release
- Nuclear incident
- Water or food contamination
- Extended utility disruption
- Wide scale destruction from any natural hazard

The Columbia/Boone County Department of Public Health and Human Services (PHHS) has the lead responsibility for protecting public health in the planning area. In recent years, much of the

planning focus has been on preparing for response to communicable disease epidemics and radiological, chemical or biological terrorism. There is a fulltime emergency management planner at PHHS in a position funded by the Center for Communicable Diseases (CDC) through the Public Health Emergency Preparedness Grant contracted by Missouri Department of Health and Senior Services.

#### **Geographic Location**

The entire planning area is at risk from a Public Health Emergency. Residence halls and student housing associated with the location of the University of Missouri, Columbia College, and Stephens College in Columbia provide the opportunity for a quicker spread of communicable diseases within that city.

#### Strength/Magnitude/Extent

A public health emergency can range from a short duration event in a small population to a longer duration event involving entire states, regions, the nation, or the world.

The PHHS has made the assumption in its planning that an influenza pandemic may occur in waves of 6-8 weeks and last for 12-24 months.

#### **Previous Occurrences**

There have been contained outbreaks of communicable diseases, such as shigella, and food poisoning incidents in the planning area. Larger public health emergencies have been separated by a number of years.

Historically, in 1918, the planning area was affected by the flu pandemic sweeping the world. Certain movement restrictions were placed on citizens and students at the University of Missouri. The flu pandemic resulted in 9,677 deaths statewide in 1918, according to the *MO State Hazard Mitigation Plan (2018)*; the death rate dropped by half in the subsequent year.

In December 2019 Chinese Health officials reported the first cases of what we would come to know as Covid-19. This new form of Coronavirus would swiftly move into a worldwide pandemic. March 13, 2020 Governor Mike Parson signed an executive order declaring a state of emergency for Missouri. Only 4 days later, Boone County reported its first case of Covid-19 on March 17, 2020. As of June 18, 2020 there had been 232 recorded cases of Covid-19 in Boone County.

#### **Probability of Future Events**

Moderate for all participating jurisdictions. The uptick in travel throughout the country as well as worldwide elevates the risk of disease spread to large regions of people very quickly.

#### **VULNERABILITY**

#### **Vulnerability Overview**

#### Measure of Severity – Moderate to High for all participating jurisdictions

The measure of severity is variable due to the varying impact of the wide-range of events which could trigger a public health emergency. For example, a limited hazardous material release or a utility disruption might result in only some injuries and property damage. On the other hand, an influenza pandemic would have the high probability of resulting in major injury and death in the planning area.

In addition to direct impacts on life and existing structures, a public health emergency has the potential for large economic effects. A CDC model suggests that about 20% of the work force will be absent due to illness or caring for family at the height of a pandemic. There is also the possibility of the population being asked or required to "shelter at home" and businesses and schools being shut down.

#### **Potential Losses to Life**

Information modeled for the PHHS Pandemic Flu Plan in 2006 gives an indication of the potential impact of varying levels of flu pandemic on the planning area (Figure 3.48). It should be noted that the population of the planning area has increased by over 20,000 since this modeling was done.

#### Figure 3.48

#### IMPACT ESTIMATE OF A PANDEMIC ON BOONE COUNTY

	Population	Clinically III (30%)	Outpatient Care (50% of III)	Hospitalized (11% of ill)	Deaths (2.1%)
U.S.	207.7 million	20 milion	45 million	9.9 million	1.9 milion
Missouri	6 milion	1.6 million	900,000	196,000	58,610
Bearlo County	141,367	42,410	21,205	4,665	200
Beone Co. + college students	169,067	50.720	25,360	5,579	1,065
Boohe Co. + college students + regional draw to healthcare service	661, 107	198,332	99,165	21,817	d,165

"FluSurge Estimates of a mild pandemic (similar to 1957 and 1968 pandemics)

Population	Hospitalized (15-35%)	Deaths (15-35%)
Boone County	358-835	87-203
Boone Co. + college students	425-992	103-241
Boone Co. + college students + regional draw to healthcare service <sup>1</sup>	1833-4278	458-1068

1 Estimation of regional draw from Boone Hospital Center discharge data to include a 25 county area around Boone County.

\*FluSurge is a Center for Disease Control computer program for estimating pandemic flu impacts on a community. The program utilizes projections based on the 1057 and 1968 pandemics.

Source: Pandemic Influenza and Highly Infectious Respiratory Disease Response Plan for Boone County Missouri

#### **Potential Losses to Existing Development**

The organism which causes Legionnaire's Disease can reside in hot water systems; a thorough decontamination of the system must take place in this situation. There is the possibility that other existing or emerging diseases may be found to have a relationship to the built environment which results in costs or economic losses.

#### **Potential Impact - Future Development**

The planning area has seen rapid growth and development in the past decades; indications suggest that this growth will continue. Population growth increases the overall risk for communicable diseases, especially in areas where crowding occurs.

In addition, the past decades have witnessed an incredible increase in air travel and global movement. This new "global community" allows for the introduction of diseases not endemic to the area and the reemergence of previously eradicated diseases.

Following a large pandemic that has forced businesses to close and people to shelter in place the potential for a recession is heightened which can slow or even halt growth.

#### Hazard Summary by Jurisdiction

The population density of Columbia and the rapid growth of the Ashland area make it vulnerable to the spread of disease. As Columbia is the center for employment in the region anyone who works in Columbia or does their shopping their run the risk of catching and spreading illnesses out of the city center and into unincorporated Boone and surrounding areas. The City of Columbia is also the source for medical attention in the region which draws people with illnesses and ailments from all over to the planning area. Boone County and Columbia have several plans in place to help mitigate and control the spread of diseases and illnesses in the planning area.

Centralia, Hartsburg, and Huntsdale have 20% or more of their population that is 65 or older according to American Community Survey estimates. Illnesses such as the flu tend to be harder on aging populations. Covid-19 was especially hard on those over the age of 65 or anyone with preexisting medical conditions.

All school districts run a special risk for certain diseases and illnesses due to the number of children that come in close contact with each other throughout the school day. Young children can be challenging to get to understand the impacts the spread of germs can have on others. Mandatory vaccination plays a role in school districts efforts to suppress certain diseases as well as diligent teachers and custodial staff.

# **PROBLEM STATEMENT**

A public health emergency can come in many sizes and shapes. The entire planning area is vulnerable; the greatest known threats are an epidemic/pandemic or an emergency arising from radiological, chemical or biological terrorism. There is a high chance that a public health emergency might evolve in the midst of another disaster, complicating both response and recovery.

The planning area is probably better prepared to meet a public health emergency than many locales. The excellent work of the Columbia/Boone County Department of Public Health and Human Services (PHHS) has resulted in extensive planning and provisioning for a wide variety of possible emergencies. There are significant medical and hospital resources in the planning area. Coordination between PHHS and federal, state, and local agencies is excellent.

Nonetheless, a significant risk still exists; the potential sources of a public health emergency are numerous, varied, dangerous, and continually evolving.

# HAZARDOUS MATERIALS RELEASE

# HAZARD PROFILE

# **HAZARD DESCRIPTION**

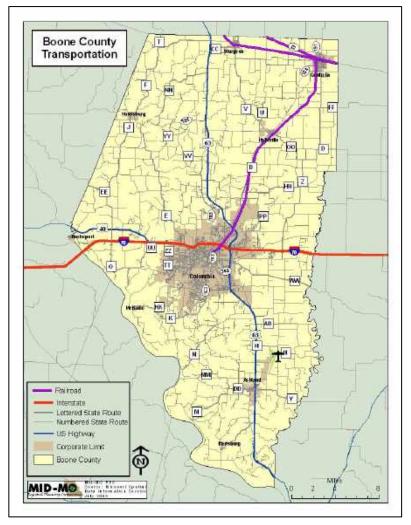
The Department of Homeland Security defines a hazardous materials release as "The improper leak, spillage, discharge, or disposal of hazardous materials or substances (such as explosives, toxic chemicals, and radioactive materials) poses a significant threat to human health and safety, campus property, and the surrounding environment."

#### **Geographic Location**

The entire planning area is at risk from a Hazardous Materials Release. This could originate from a transportation incident along the highway system, railways, or pipelines or at a fixed facility using or generating hazardous materials in its operation. The following information is taken from Annex H of the *Boone County Emergency Operations Plan*.

<u>Transportation Routes</u> There are multiple transportation modes and routes in the planning area which may be used to transport hazardous materials (Figure 3.49).





Two major highways, I-70 (eastwest) and Highway 63 (northsouth), traverse the planning area. These highways intersect each other within the City of Columbia and are common routes for the transportation of hazardous substances, the majority of which are petroleum-based products.

Three railroads, the Columbia Terminal (COLT), Norfolk Southern and Kansas City Southern Railroad, run through the planning area. The two latter railroads serve the northern portion of Boone County and may transport cars containing hazardous or extremely hazardous substances.

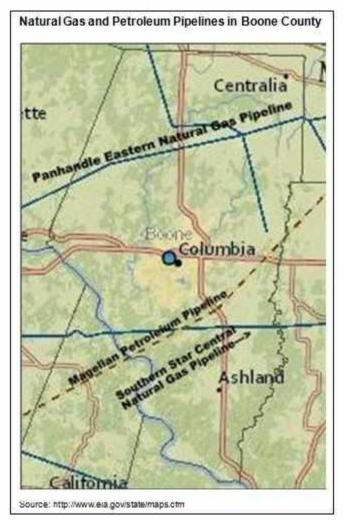
Columbia Regional Airport, located between Columbia and Ashland, serves Boone County and Central Missouri.

The Missouri River, which defines the southwestern

boundary of Boone County, is a commercially navigable river.

<u>Pipelines</u> There are three natural gas lines and a major petroleum pipeline that run through planning area (Figure 3.5).

#### Figure 3.5



Panhandle Eastern has two natural gas pipelines running through the northern part of Boone County. A Southern Star Central natural gas pipeline crosses the county in the south, between Columbia and Ashland. A Magellan petroleum pipeline also crosses the county south of Columbia.

The two southern pipelines run near the City of Columbia's water source in the alluvial floodplain of McBaine Bottoms, according to the city's *Source Water Protection Plan (2013)* 

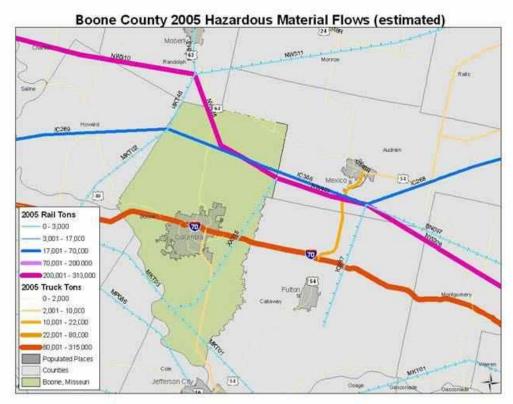
In addition to the major pipelines, there is a network of pipelines carrying natural gas and other materials throughout the county.

<u>Fixed Facilities</u>: There are a large number of fixed facilities in the planning area that use, produce and/or store hazardous materials. There are a small number of facilities in the planning area that use or store extremely hazardous substances (EHS). The University of Missouri operates the University of Missouri-Columbia Research Reactor (MURR) that produces and stores nuclear waste until it can be shipped off for regulated disposal.

# Strength/Magnitude/Extent

Hazardous materials emergencies can range from small fuel spills to large-scale releases.

Estimated material flows on transportation routes through the planning area were made in 2005 (Figure 3.51) and give some idea of the potential extent of the issue. However, the LEPC questions the accuracy of these estimates; in addition, the map shows an incorrect placement of the railways in northern Boone County. Understanding the true extent of the potential threat from the transportation sector has been identified as a need by the LEPC.



#### Figure 3.51

# **Previous Occurrences**

Information from the Missouri State Hazard Mitigation Plan (2018) shows release incidents from 2007-2016 Boone County had:

- 15- fixed facility
- 1- airplane/airport
- 1- railroad/railyard
- 129- roadway
- 23- waterway
- 18- pipeline/pump station

**Probability of Future Events** – Low for all participating jurisdictions

The online MEERTS search rendered 819 incidents in Boone County between 2000-2020. This averages to ~41 events per year. The Boone County Fire Protection District (BCFPD), Columbia Fire Department and Southern Boone County Fire Protection District respond to about 15,000-16,000 calls per year, according to an estimate from BCFPD personnel. If all of these hazardous material incidents resulted in emergency calls, the calls would still only make up 0.3% of the total calls.

# Vulnerability

#### **Vulnerability Overview**

**Measure of Severity** – Low for all participating jurisdictions

According to the Boone County LEPC (Local Emergency Planning Committee), injuries/ casualties associated with hazardous material spills in the Planning Area are very low.

The greatest areas of concern from an emergency management perspective are: 1) petroleum releases from commercial vehicles on highways and 2) accidents/spills or fires in residential garages that may contain disproportionate amounts of consumer quantities of hazardous materials. The reporting threshold for a petroleum release is 50 gallons; e.g. a typical accident that might require an emergency response would be when saddle tank(s) get ripped open on a commercial vehicle which may contain greater than 50 gallons of petroleum product.

There are no reporting requirements for releases at private residences; these incidents are only reported if responders are called. Emergency response is usually called once someone has already been affected by the release. One of the main dangers posed in the residential incidents is the potential mixing together of various stored, and possibly out-of-date and degraded, chemicals; this random mixing can result in increased toxicity, flammability or reactivity.

Fixed facilities have a vested economic interest in the responsible management of their hazardous materials in order to prevent accidents and releases. While personnel are typically well trained and good stewards of the materials, the levels of hazardous materials at some facilities

still present high risks should an earthquake, tornado, or some other hazard damage the facility. These facilities are monitored to mitigate the impact should an unavoidable disaster affect the facilities.

# **Potential Losses to Life**

According to the LEPC, the risk to human life is very low from most hazardous chemical releases. It would only be extreme situations which would pose a great threat. The potential is there, however, and is explained as follows in the Boone County Emergency Operations Plan:

A release or threatened release of hazardous material could result in serious and quickly escalating threats to the public. Determination of the type of hazard involves knowing what hazardous material is involved and its potential impact and containment status. The physical or chemical characteristics of hazardous materials may include toxicity, flammability or reactivity. These factors require technical analysis by qualified and approved specialists in order to determine existing hazards, the anticipated course of the incident and any cascading hazards.

(EOP, Annex H)

# **Potential Losses to Existing Development**

There is the potential for structures to be impacted by hazardous substance releases. A release involving an explosion could impact the HVAC system and therefore the entire facility. A major release at a fixed facility has the potential to require road closures and restricted access during environmental assessment and cleanup; in addition to inconvenience, this would result in financial losses.

# **Potential Losses to Future Development**

More development is expected in the future at the University of Missouri's Discovery Ridge Research Park which is located in southeastern Columbia, adjacent to Highway 63 and close to the Columbia Regional Airport.

Plans are currently underway for Northwest Medical Isotopes (NWMI) to locate at the research park; NWMI is intended to break ground in the summer of 2020. NWMI will be working closely with the University of Missouri-Columbia Research Reactor (MURR). A central part of NWMI's mission is to provide a domestic, secure, and reliable supply of Mo<sup>99</sup> for medical diagnostics. This will be done with a reactor fission method using LEU (low-enriched uranium) targets shipped to irradiation facilities (MURR, etc) then transported back to NWMI for processing of target for Mo<sup>99</sup> for medical use.

The Mo<sup>99</sup> isotope decays very rapidly and must be continuously produced on a weekly basis and shipped to hospital end users. NWMI will be producing, processing, storing, and shipping volumes of materials; this will result in significant numbers of shipments containing increased radioactivity, above the current level of transits on the local transportation corridors. Additional impacts to the environment and public within future Exposure Planning Zones (EPZ) and Ingestion Pathway Zones (IPZ) may impact current assumptions regarding potential exposure and future needs for responder training; this should all be reassessed when more information is made available and future revisions of this document are due.

As more businesses locate at Discovery Ridge, additional evaluations (and possibly trainings) will be needed to understand the classification of materials involved, transportation routes of materials, and handling by emergency response agencies.

Hazardous materials also affect future development in another significant way; spills on parcels in the past can affect the desire to develop the parcels. The Boone County Fire Protection District regularly receives calls requesting a check of their database for HazMat spills.

#### Hazard Summary by Jurisdiction

All jurisdictions in the planning area experience some risk of a spill due to the various transportation networks that run throughout the planning area. Columbia has the most roads and intersections that are used to transport hazardous materials. Busy intersections and a high density of traffic brings opportunity for crashes that can cause hazardous materials being transported through the region to leak or spill.

Columbia is also home to major medical centers that produce hazardous medical waste and the University of Missouri that has the University of Missouri Research Reactor (MURR). With the convenient location of Columbia located centrally to areas of interest and the road network making it quick to transport goods from the area Columbia will continue to draw new business that may create or transport hazardous materials.

Centralia has several rail lines that run through town that can carry various loads, some potentially hazardous that makes them vulnerable to railway accidents.

All jurisdictions with gas stations can have underground tank leaks that can form over time or from poor maintenance.

#### **PROBLEM STATEMENT**

The entire planning area is vulnerable to a hazardous materials release. However, hazardous materials are highly regulated by federal law; multiple safeguards and emergency response teams are in place to mitigate the potential threat of a hazardous material incident.

The Boone County Local Emergency Planning Committee (LEPC) identifies residential garages as one major concern in hazardous material spills. This is due to the potential toxic, flammable, or reactive mix which may be created where numerous chemicals are stored in close proximity. Petroleum-based spills on the highways are the other major area of concern.

As some of the more rural areas of the county experience a transition from agriculture to urban development, past hazardous material spills may be a roadblock, or at least an added expense, on the way to development.

# **TRANSPORTATION INCIDENT**

# HAZARD PROFILE

#### HAZARD DESCRIPTION

This section of the plan deals with major accidents involving air or passenger rail travel which result in injury or death. The risks associated with highway transportation accidents involving hazardous materials are covered in the section on Hazardous Materials Release.

Columbia Regional Airport is located between Columbia and Ashland, to the east of U.S. Highway 63. The airport is served by American Airline and United, with daily flights to and from Chicago, Dallas/Fort Worth, and Denver. In addition, there are numerous charter flights associated with athletics and other activities at the University of Missouri. At the present time, there is not a lot of freight activity at the airport.

There is currently no passenger rail operating in the planning area.

#### **Geographic Location**

Boone County and the City of Columbia are at risk from a transportation incident. The airport is located within the corporate boundaries of Columbia; the city and the surrounding areas in Boone County are flown over during the most likely times for an accident: takeoff, ascent, descent, and landing.

#### Strength/Magnitude/Extent

Extent is defined as an attribute of the hazard alone which does not include its effect on humans or the built environment"; a transportation incident, for the purpose of this plan, is defined as an accident resulting in injury or death. There is not, therefore, a possible way to describe the extent of a transportation incident.

#### **Previous Occurrences**

Historically, there have been some deaths resulting from small aircraft crashes in the planning area, but there have been no major crashes.

In January of 2019 a flight from Dallas/Fort Worth slid off the runway as it was taxiing off the main runway back to its terminal. There were no injuries or fuel/fluid leaks reported with the incident.

#### **Probability of Future Occurrences**

Low – Boone County and City of Columbia Not applicable – all other participating jurisdictions

# VULNERABILITY

# **VULNERABILITY OVERVIEW**

By the definition established for this plan, a transportation incident is a passenger rail or air accident which results in injury or death.

#### **Potential Losses of Life**

While airplane accidents are extremely rare given the high volume of traffic, when they do occur they usually result in injuries and at least some loss of life. As the airport expands to take on larger flights the risk for loss of life in larger quantities in the event of a accident goes up.

#### **Potential Losses of Existing Structures**

There is the possibility of an aircraft crashing into a building. This is a rare event which is impossible to predict or assess.

#### **Potential Losses of Future Development**

The Columbia Regional Airport is expanding its runways to allow service from larger jets. This will probably increase both passenger service and will also open the door for cargo operations. These developments would statistically increase the risks of a transportation incident; however, the probability of an incident would remain low.

#### Hazard Summary by Jurisdiction

The Columbia Regional Airport is located within the jurisdiction of Columbia, but resides close to Ashland. The airline industry is highly regulated to ensure passenger safety. The Columbia Regional Airport complies with all requirements of the Federal Aviation Administration (FAA) and Transportation Safety Administration (TSA). The airport Emergency Plan is regularly updated; a complete exercise of the plan is carried out every three years.

No other jurisdictions are located near a commercial airport.

#### **Problem Statement**

While the potential exists for a major air transportation incident in the planning area, the probability of its occurrence is quite low. The jurisdictions at risk, should an accident occur, are the City of Columbia, where the regional airport is located, and the surrounding areas in Boone County which are flown over at lower altitudes during takeoff, ascent, descent, and landing.

A transportation incident involving an airplane is a low probability/high severity event. While an accident involving a large plane would most probably result in injuries and at least some loss of life, the vulnerability to this hazard has been assessed as low due to the extreme rarity of such events.

#### NUCLEAR INCIDENT

#### HAZARD PROFILE

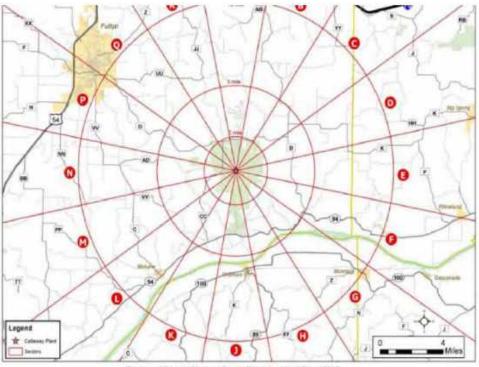
#### HAZARD DESCRIPTION

This section will deal specifically with the risks posed by a nuclear incident at a nuclear reactor.

#### **Geographic Location**

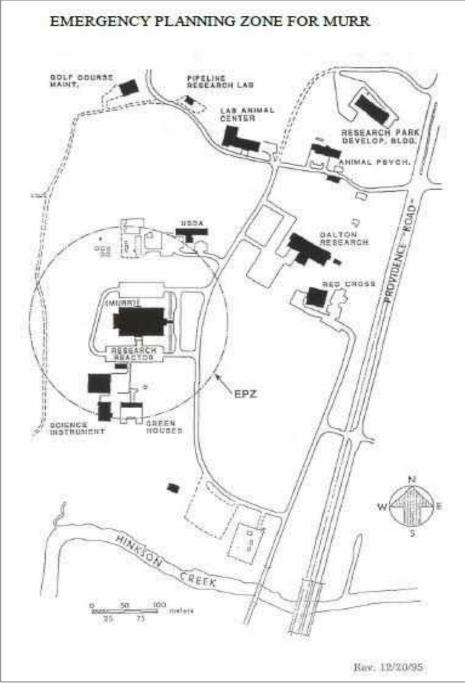
The entire Planning Area is outside of the 10-mile radius Emergency Planning Zone for the Callaway Nuclear Plant in adjacent Callaway County, but it is within the 10-50 mile radius Ingestion Exposure Pathway Zone (Figure 3.52).

#### Figure 3.52



Source: Missouri Nuclear Power Plant Accident Plan, 2015

In addition, the University of Missouri-Columbia Research Reactor (MURR) is located within the City of Columbia. The Emergency Planning Zone for the MURR is the area within a 100-meter radius of the reactor's exhaust stack. Figure 3.53 below shows this zone.



Source: Missouri Hazard Analysis 2013

# Strength/Magnitude/Extent

There are four classes of Emergency Action Levels used for early notification of incidents at nuclear reactors:

A. Notification of Unusual Event - This indicates a potential degradation of the safety level of the plant; no releases of radioactive material requiring off-site response or monitoring are expected unless safety systems are further degraded.

B. Alert - Unusual events are in process or have occurred and indicate a potential degradation of the level of plant safety; any releases are expected to be limited to small fractions of the Environmental Protection Agency (EPA) Protective Action Guideline (PAG) exposure levels.

C. Site Area Emergency – Events are in process or have occurred that involve actual or likely major failures of the plant functions needed to protect the public; no releases are expected to exceed EPA PAG exposure levels except near the site boundary.

D. General Emergency - An event is in process or has occurred that involves actual or imminent substantial core degradation or melting, with the potential for loss of containment integrity; releases can reasonably be expected to exceed the EPA PAG exposure levels off-site for more than the immediate site area

<u>Callaway Nuclear Plant</u> - Only the most serious incident (General Emergency) has the potential to have a direct effect on the Planning Area. Whether a General Emergency would result in contamination in the Planning Area would depend on the nature of the incident and meteorological conditions during the release.

<u>University of Missouri-Columbia Research Reactor (MURR)</u> - With regard to a potential incident at the MURR, it has been determined that "no credible potential accidents have been identified...that would result in exceeding the classification of Notification of Unusual Events" (*Missouri Hazard Analysis*). The greatest risk posed by activities at the MURR is that resulting from the transport of radiopharmaceuticals produced at the reactor. This issue falls under the purview of the LEPC which deals with hazardous materials (Section 5.2).

# **Previous Occurrences**

The only nuclear incident in the United States equivalent to a General Emergency was the leaking of radioactive materials at Three Mile Island in Pennsylvania in 1979. According to 2013 information from FEMA, there have been five Site Area Emergencies with no release of radioactive materials at commercial nuclear power plants and four at non-commercial reactors.

<u>Callaway Nuclear Reactor</u> - The Callaway Nuclear Reactor has been in operation since 1984 and has had no major safety concerns in that time. It was originally licensed to operate until 2024 and the Nuclear Regulatory Commission (NRC) has extended its license to 2044.

<u>MURR</u> - "The MURR has been in operation since October 1967. The reactor averages 8,060 hours of operation per year (155 hours per week) at peak flux due to the service work that it

performs. During its history of operation, the MURR has never had an incident that would be considered an emergency action level" (*Missouri Hazard Analysis*).

# **Probability of Future Events – Low**

"The Reactor Safety Study conducted by the NRC rated the chances of a major nuclear disaster as very low (a probability of one in one million per plant operating year). The report concluded that the worst accident type that could affect a nuclear power plant would be one resulting in a meltdown, which could be expected to occur once in 20,000 years of reactor operation. The report also stated that a meltdown would likely cause less than one fatality or injury. This low hazard rating is due to all of the added safety engineered instrumentation used to monitor and shut down nuclear plant systems before any severe damage occurs" (*Missouri Hazard Analysis*).

In addition, following the 2011 nuclear accident at Fukushima in Japan, the NRC increased requirements for nuclear plants in the United States. This has resulted in major upgrades to the Callaway Nuclear Reactor site including a new hardened facility sited next to the original facility; the Callaway Plant now has backup systems for its backup systems.

# VULNERABILITY

# **VULNERABILITY OVERVIEW**

With regard to a potential incident at the MURR, it has been determined that "no credible potential accidents have been identified...that would result in exceeding the classification of Notification of Unusual Events" (*Missouri Hazard Analysis*). The Notification of Unusual Events classification indicates "no releases of radioactive material requiring off-site response or monitoring".

In the case of a General Emergency at the Callaway Nuclear Reactor, the major impact in the Planning Area (aside from the possible need for some decontamination) would be the sheltering of persons from the exposure zone in Callaway County. The Hearnes Center at the University is a designated shelter location for some of the evacuees. Should sheltering and services be required for a lengthy time, this could have an economic effect on the Planning Area.

The Planning Area would be involved in other ways should a General Emergency occur: the Columbia Regional Airport, located in the Planning Area, would be used to fly in equipment and personnel; law enforcement and public works departments in the Planning Area might be called upon for assistance.

#### **Potential Losses to Life**

If contamination occurred in the Planning Area, it could pose a threat to the health and safety of humans, animals, and agricultural production.

The nature of the incident and extent of contamination would determine the state or federal resources activated to address contamination concerns as well as methods for decontamination, sheltering in place or evacuation of members of the public, and isolation of contaminated areas. While portions of the planning area may be impacted by wind spread radiological contamination,

it is expected that the contamination will be minimal due to the distance travelled from source of contamination, nature of particle size and mass, and deposition mechanics of the height of plume, including wind speed and direction.

Should contamination of the planning area occur, it is very likely that the Missouri State Emergency Management Agency, along with initial responders from the Missouri Department of Health and Human Services, Missouri Department of Natural Resources and other local offsite organizations such as local fire departments and radiological technical experts from the University, would be the initial group to begin response and assessment of contamination. This initial response would soon be followed up by a mobilization of numerous response teams from federal agencies such as the EPA and U.S. Nuclear Regulatory Commission, U.S. Department of Agriculture, U.S. FDA etc. to determine the nature and extent of the radiological contamination as well as recommend "Early" "Intermediate", and "Late or Recovery" phase response actions.

The initial assessments would attempt to estimate the levels of internal or external exposure for a member of the public from plume contaminates (radioactive iodines, strontiums, etc.) as well as contamination of drinking water supplies and food stuffs. Once those levels of contamination and projected worst case exposures are estimated then it is likely that the state and federal response agencies will make recommendations to local and state policy makers of impacted areas on action to be taken to protect the public, animals, pets, etc. In most cases the guidelines and protective actions as established in the EPA Manual "Protective Action Guides and Protective Actions for Nuclear Incidents" (PAG 400 Manual) would be used.

# **Potential Losses to Existing Structures**

There would be no physical damage to existing structures in the Planning Area from a nuclear incident. However, buildings would need to be assessed for external and internal contamination and remediated, if needed. This would be supported on the local, state, and federal levels.

# **Potential Losses to Future Development**

Theoretically, the expected population growth in the Planning Area will put more people at risk from contaminated food and water should there be a General Emergency level incident at the Callaway Nuclear Reactor which results in contamination in the Planning Area. However, this needs to be viewed in the context of the likelihood of the occurrence of such an event; the likelihood is extremely low.

# Hazard Summary by Jurisdiction

The nuclear industry is heavily regulated with many safeguards in place. The MURR and Callaway Nuclear Plant are in compliance with all regulations. Missouri SEMA and the Callaway Nuclear Plant run exercises/drills throughout the year. Should an event occur at the Callaway plant Columbia would likely feel the most impact from evacuees from the fallout zone coming to their medical centers or seeking shelter.

# PROBLEM STATEMENT

While there is one research nuclear reactor located in the planning area, and a large commercial reactor in an adjacent county, all jurisdictions in the planning area have a very low vulnerability to adverse effects from a nuclear incident.

The location of the University of Missouri-Columbia Research Reactor (MURR) within the City of Columbia poses virtually no threat due to the type of reactor and radioactive materials being used.

There is an extremely low probability of an incident occurring at the Callaway Nuclear Plant in adjacent Callaway County due to extensive industry regulations industry and the numerous safeguards in place. Should a major incident occur, there is the possibility of contamination of food and water in the planning area but this would be dependent on the nature of the incident and meteorological conditions at the time of release. There are extensive guidelines in place at the state and federal level to deal with such a possibility.

In the case of a major incident occurring at the Callaway Plant, some personnel and facilities in the planning area would potentially function in a supportive role for the emergency response.

# UTILITY SERVICE DISRUPTION

# HAZARD PROFILE

# **DESCRIPTION OF HAZARD**

A utility service disruption may involve electrical power, natural gas, public water, wastewater treatment, or telecommunications systems. Telecommunications disruptions will be covered separately in Section 4.6.

<u>Electrical:</u> A number of the natural hazards profiled in this plan, especially severe winter weather (heavy snow and ice), thunderstorms (wind, hail, lightning), and tornadoes, pose threats to above ground electric utilities. Solar flares are increasingly being recognized as a threat to the power grid. Motor vehicle accidents and animals can cause outages. Digging and construction are a potential threat to buried utilities of all type. In 2008, the Mid-America Earthquake Center mapped the expected probability of at least moderate damage to electric power facilities from a 7.7 magnitude earthquake in the NMSZ; such damage was considered "highly unlikely" in the planning area.

<u>Natural Gas:</u> Natural gas disruption is a very serious concern; it can lead to explosions and fires. Since it is carried in underground pipelines, natural gas is protected from some of the threats to aboveground electrical utilities. However, according to the U.S. Energy Department, "Severe storms, flooding, and earthquakes can expose and break pipes. When disruptions do occur, it can take weeks or even months to restore." In addition to damage from major events, natural gas pipelines can be damaged from digging or excavation activities,

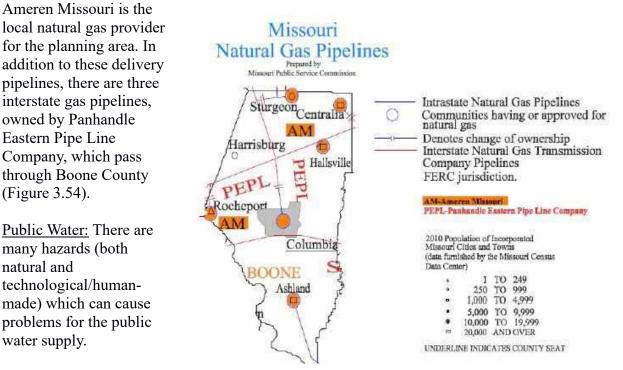


Figure 3.54

Drought, earthquakes, and flooding can result in broken pipes and/or other equipment failure. Many parts of the planning area have clay soils which often cause pipe breakage as they expand and contract.

Electrical power outages will cause problems for most water delivery systems if the power is not restored in a timely fashion. The water supply can also face contamination as a result of internal system failures or hazardous material spills or as a direct target of domestic or foreign terrorism.

The water supply districts in the planning area are CPWSD #1, WD #4, WD #9, WD #10, and the City of Columbia WD (Figure 3.4). In northern Boone County, extensive use of water for fire suppression could severely limit the public water available in the area served by Water District #10.

<u>Wastewater</u>: Wastewater treatment can be crippled by extended power outages and by flooding; significant ground displacement from a strong earthquake could break wastewater lines.

# **Geographic Location**

The entire planning area is at risk from all types of utility service disruptions.

# Strength/Magnitude/Extent

Electrical:

There was a power outage in Columbia on July 7, 2014 due to damaging thunderstorm winds which resulted in some outages which lasted a little over 100 hours (4.5 days).

Some data exists on the recent maximum duration of electrical outages due to ice storms in some parts of Missouri. The *Missouri State Hazard Mitigation Plan (2013)* gives the following information:

- December 1994 ice storm power outages, rural areas (northern MO) 7 days
- December 2007 ice storm power outages (northern MO) almost 2 weeks
- February 2008 ice storm power outages (southern MO) almost 2 weeks
- January 2009 ice storm power outages (southern MO) over 3 weeks

These are worst case scenarios; power is usually restored in a matter of hours, rather than days or weeks. However, a widespread outage with a lot of damage to infrastructure can cause lengthy restore times. This is especially true if large geographical areas are affected at the same time and mutual aid must travel from long distances.

<u>Natural Gas:</u> Major disruptions of natural gas are fairly rare events. When one does occur, it can take weeks or even months to restore service, according to the U.S. Department of Energy.

<u>Public Water:</u> The duration of a water supply disruption will vary according to the cause of the disruption.

Boil orders in Missouri are issued by the MO DNR when there is a question of the safety of the drinking water; these are typically issued due to a major pipe break or other event resulting in low pressure and possible contamination in the system. The duration of these orders vary, but typically last a day or two.

A major disruption of the system due to a natural disaster or terrorism might last many days or even weeks. The CDC recommends that citizens store at least a 72-hour supply of water (1 gallon/person or pet/day) and up to a two-week supply, if possible.

<u>Wastewater</u>: Smaller wastewater disruption problems are usually resolved quickly. When wastewater utilities suffer a major infrastructure damage, such as during Hurricane Katrina, full restoration of service can stretch into months.

# **Previous Occurrences**

There is not a definitive reporting system for utility outages in the State of Missouri, so limited data on disruptions is available.

<u>Electrical:</u> Some information on electrical outages is available from SEMA Situation Reports filed at the time of events. In December 2007, ice storms caused approximately 200 power outages in the Ashland area. The City of Hartsburg was without power. Shelters were opened in both Ashland and Hartsburg.

Heavy snow falls in February 2013 resulted in widespread power outages throughout the planning area. Some outages lasted 3-4 days. Data from Boone Electric Coop (BEC) for this period indicates that almost 2,800 of their customers lost power. The average outage for BEC lasted about 36 hours with some power being restored within 24 hours and the longest outage lasting almost 65 hours.

Storms on July 7, 2014 in Columbia resulted in 14,000 residents (most in the vicinity of West Broadway) losing power. The longest without power went a little over 100 hours/4.5 days. Six 80-foot transmission line poles were snapped in half and trees were uprooted over a widespread area.

<u>Natural Gas</u>: Natural gas distribution can be disrupted by pipeline failures and accidents. The Pipeline and Hazardous Materials Safety Administration (PHMSA) of the U.S. Department of Transportation has data going back to 1994 on significant and serious accidents involving the nation's natural gas gathering, transmission, and distribution pipelines. The data shows 13 transmission pipeline incidents and 46 distribution pipeline incidents in the State of Missouri during that 20-year period (Figures 5.13-5.14).

The Planning Committee recalled some natural gas fires in the County:

- In 2009, there was a rupture and explosion in a Panhandle Eastern pipeline in Howard County, about 15 miles northeast of Columbia and near the border with Boone County.
- There have been two natural gas incidents in or near Centralia; one gas explosion in the

late 1970s (?) burned down significant structures in the city. There was also a natural gas incident ignited by static electricity sometime in the past few decades.

According to information from the *Columbia Daily Tribune* newspaper, "In 1997, Centralia was rocked by a similar explosion from a Panhandle Eastern pipeline. The blast occurred in a farmer's field near Cline Road and threw a fireball so high it was reportedly visible as far away as Quincy, Ill."

<u>Public Water</u>: Data is not available but boil advisories/orders are not uncommon in the planning area.

Wastewater: Data is not available.

# **Probability of Future Events:**

Electrical outage – High for all participating jurisdictions Natural gas disruption – Moderate for all participating jurisdictions Public Water disruption– Moderate/High for all participating jurisdictions Wastewater disruption – Moderate for all participating jurisdictions

<u>Public Water:</u> Water utility disruption can run the gamut from contamination requiring boil orders to full disruption of service. If all such possible disruptions are considered, then a high probability rating is appropriate. For more widespread disruptions, a moderate probability rating is more appropriate.

A widespread disruption of the water utility is tied to the availability of electrical power. The city of Columbia has a dual electrical feed to both its water and wastewater plants. This allows for continuity if only one of the electrical substations is compromised.

For most of the planning area, an electrical power outage of 8-10 hours would require the assistance of backup generators to avoid larger problems with water. Some backup generators are available but more are needed.

<u>Wastewater</u>: The wastewater utility is also tied to availability of electrical power. Most municipal wastewater systems in the planning area would begin having problems with in 1-1½ days of loss of electrical power. There is a need for more generators and transfer switches in the planning area.

The Boone County Regional Sewer District indicated that their system would begin to experience problems within 4-24 hours of loss of power. With a countywide power outage, pump stations would start to overflow around 4 hours. If an outage persisted for over 24 hours, the treatment process at some of the smaller treatment plants without backup generators or wiring for portable generators would begin to degrade. The BCRSD did indicate that they have a lot of generators and a few portable generators but not all of the wiring/transfer switches needed.

# VULNERABILITY

# **Vulnerability Overview**

Impacts from utility disruptions are moderate for all participating jurisdictions. Above ground utilities are vulnerable to weather impacts and man-made disruptions either through vandalism, carelessness from homeowners potentially hitting something while digging, or even car accidents that leave the road. Jurisdictions who underground their utilities help lessen the chances for disruption from certain events.

# **Potential Impacts to Life**

Utility service disruption can have widespread and cascading effects on many segments of society. Extended loss of electrical power will affect the ability of the water and wastewater utilities to function at full capacity. Even short-term loss of electrical power is a threat to the home and commercial food supply. Loss of electrical power in the winter months is a threat to life and safety, especially that of the most vulnerable populations.

Natural gas disruption is a very real threat to human and animal life. Disruption of the public water utility poses a risk for fire protection and for health. Disruption of the wastewater utility poses threats to health and the environment.

# **Potential Impacts to Existing Structures**

<u>Electrical:</u> Boone Electric Cooperative: BEC began keeping records on outages in 2006. During planning for the *Multi-Jurisdictional Hazard Mitigation Plan for Missouri's Electric Cooperative (May 2012)*, an analysis was conducted of outages between January 2006 and April 2011 and the cost to BEC infrastructure (Table 3.5).

Cause of Outage	# of Events	Average Cost to BEC/event
Thunderstorm/high wind	22	\$3,236
Hail	18	\$1,452
Severe Winter Weather	2	\$ 115

Table 3.5

BEC personnel stressed that, during the time period for which outage data is available, there were no major ice storms. Ice storms are not uncommon in the BEC service area and are one of the most damaging natural hazards which can impact the cooperative. FEMA estimates the standard value of loss to the economy for every day without electric service is \$126 per person per day. Large outages for extended periods of time in high density areas such as Columbia has large monetary impacts. Based on numbers in the Missouri State Hazard Mitigation Plan (2018) if 10% of the planning area's population (based on 2015 estimates) were to be out of power for one day it would have an impact of \$2,204,672.

<u>Natural Gas:</u> The PHMSA data for Missouri indicates that the average property damage cost (in current year dollars) was \$782,660 for a transmission pipeline incident and \$650,526 for a distribution pipeline incident (Table 3.51-3.52).

#### Table 3.51 Transmission Lines:

PHMSA Pipeline Incidents: (1994-2013) Incident Type: Significant System Type: GAS TRANSMISSION State: MISSOURI Offshore Flag : ALL

			1	
Property Damage Current Year Dollars	Injuries	Fatalities	Number	Calendar Year
				1994
				1995
\$252,479	0	0	1	1996
\$689,298	0	0	1	1997
				1998
				1999
				2000
\$469,907	0	0	1	2001
				2002
\$4,040,197	0	0	1	2003
				2004
\$110,866	0	0	1	2005
\$523,390	0	0	3	2006
				2007
\$1,096,446	0	0	2	2008
\$745,234	0	0	1	2009
		S4.		2010
				2011
\$240,980	0	0	1	2012
\$2,005,775	0	0	1	2013
\$10,174,577	0	0	13	Grand Total

# Table 3.52 Distribution Lines:

PHM5A Pipeline Incidents: (1994-2013) Incident Type: Significant System Type: GAS DISTRIBUTION State: MISSOURI

erty Damage Current Year Dollars	Injuries	Fatalities	Number	Calendar Year
\$437,904	0	0	2	1994
\$114,368	0	0	1	1995
\$1,837,486	3	2	5	1996
\$372,221	4	0	5	1997
\$786,786	2	0	4	1998
\$116,365	4	1	-4	1999
\$250,382	3	1	3	2000
\$1,223,046	0	0	2	2001
\$31,554	1	0	1	2002
\$352,883	2	1	2	2003
\$276,117	0	0	2	2004
\$877,575	0	0	2	2005
\$763,967	0	0	3	2006
\$85,911	2	0	1	2007
				2008
\$230,719	1	0	3	2009
\$338,417	0	0	2	2010
\$267,360	0	0	2	2011
\$93,782	0	0	1	2012
so	4	1	1	2013
\$8,456,843	26	6	46	Grand Total

# **Potential Impacts to Future Development**

Utility outages can be more problematic in higher population areas; a higher population means more people impacted by a major outage and more people competing for limited local supplies of generators, food, bottled water, blankets, etc. This is just one of the reasons that reliable infrastructure and services must keep pace with development.

Some areas of new development in the planning area are required by law to have underground utilities. Underground utilities are required in both Ashland and Centralia subdivisions. The City of Columbia Water and Light Department continues its policies of undergrounding electric in new developments as well as actively undergrounding approximately one mile of existing overhead electric each year.

# Hazard Summary by Jurisdiction

Unincorporated Boone County has several miles of overhead power lines vulnerable to outages. They also have public water supply districts they manage and maintain. Many rural residents are on private wastewater systems so mass outages are less concerning.

Many jurisdictions in the planning area have their own water and wastewater facilities to care for. The City of Columbia is vulnerable to all forms of utility outages due to their population density. Any outage has potential to impact a large number of people.

# **PROBLEM STATEMENT**

All participating jurisdictions in the planning area are vulnerable to a utility service disruption. Electrical power is the most commonly disrupted utility; this is usually due to severe winter weather or damaging winds. The duration of these outages can last from hours to days.

Water utilities are periodically disrupted in the planning area to the level of "boil orders" being issued for drinking water. The expansion and contraction of the clay soils which predominate in many areas can cause pipe breakage; this in turn lowers pressure and opens a gateway to possible contamination in the system. This is especially a problem in times of severe drought.

Natural gas and wastewater are also vulnerable to disruption although these are less common occurrences.

The numerous backup systems, other mitigation activities, and strong working relationships in the planning area help to lessen the risks associated with all utility disruptions.

# **TELECOMMUNICATIONS DISRUPTION**

# HAZARD PROFILE

# HAZARD DESCRIPTION

Modern telecommunications is a complex system which is both sophisticated and fragile. The sector has undergone massive transformation in the past few decades and each year brings greater expansion and complexity. Almost all aspects of modern life are highly dependent on telecommunications and disruptions of these networks can have large and widespread impacts. This is especially troublesome as the most likely time for a telecommunications disruption is at the time of an emergency or disaster.

New York University conducted an analysis of the interaction of disasters and telecommunications infrastructure through studying large urban disasters of the 1990s and early 2000s. The findings were published in *Telecommunications Infrastructure in Disasters: Preparing Cities for Crisis Communications (April 2005)* which has been used to frame and inform much of the discussion in this section.

There were three primary causes of telecommunications disruptions identified. They are:

- 1. <u>Physical destruction of network components</u>: This can cause severe and lengthy disruptions due to the time and funds needed to repair the infrastructure. In the planning area, aboveground infrastructure is vulnerable to ice storms, damaging winds, tornadoes; underground components are vulnerable to flooding and earthquakes.
- 2. <u>Disruption in supporting network infrastructure</u>: Telecommunication networks rely on many other systems which are often older and lack resiliency. The primary supporting infrastructure is the electrical distribution system; this can fail as can needed cooling systems. In addition, disruption of transportation routes can have a cascading effect whereby fuel is not available for electrical generation and electricity is not available for telecommunications.

While telecommunications disruption from failure of supporting infrastructure is less common it can be more widespread and pose greater challenges for response and recovery.

3. <u>Network congestion</u>: Most networks are designed to support peak loads far below those which occur during a crisis or emergency. In times of disaster, there are almost always problems caused by network congestion as people try to make contact either into or out of the affected area. In addition, network congestion can be a deliberate tactic employed as part of a terrorist attack.

# **Geographic Location**

The entire planning area is at risk from a telecommunications disruption.

# Extent

A telecommunications disruption can range in length from a short disruption lasting only minutes to one which may take days, weeks, or even months to fully resolve. Many disruptions can be restored rapidly due to the multiple redundancies built into the systems; however, in the case of major disasters where telecommunications infrastructure and supporting infrastructure are damaged or destroyed, it can take much longer.

### **Previous Occurrences**

Telecommunications systems have been vulnerable to disruption since their inception. Within a few decades of its invention in 1844, the telegraph system was a target for destruction in the Civil War; attempted disruption of communication tools is often one of the first actions in a war.

Some level of telecommunications disruption accompanies most major disasters. There were serious telecommunications disruptions associated with the September 11 attacks in 2001. Much of lower Manhattan was disconnected from the telephone landline grid when a routing hub near the World Trade Center was damaged. In addition, the cellular telephone network in New York City suffered severe disruption; Washington D.C.'s cellular network was also congested but to a lesser degree.

All the major cell phone networks in the Northeastern U.S. failed during Hurricane Sandy (2012). In Hoboken, NJ, officials relied on whiteboards outside City Hall to keep citizens informed. Cellular telephone networks were also overloaded after the bombing at the Boston Marathon (2013). Some users saw impacts to cell and data usage at the start of the 2020 Covid-19 Pandemic in the US as people began working from home on their data plans and using the network more to keep in contact with relatives and employers they would usually see in-person.

### **Probability of Future Events**

As technology changes outages are expected intermittently. 5G now looms on the horizon with a massive expansion of the network needed for it to work by adding towers more frequently and at higher densities. As more towers are added in more locations, many in heavily populated areas, the risk of towers being vulnerable to vandalism and accidents increases which can increase the instances of localized outages. It should however reduce large outages.

### VULNERABILITY

### **Vulnerability Overview**

The greatest threat for a serious telecommunications problem in the planning area is a disruption of the commercial telecommunications systems. In general, the commercial providers are co-located on towers; damage to one tower can often affect two or three providers.

# **Potential Impact to Life**

Telecommunications disruptions can have a serious impact on life through the delay or disruption of emergency services. In addition, a serious lack of symmetry can develop between information coming out of the affected area and that which can reach those within the area. This is a recipe for the spreading of false rumors and panic which may interfere with response and relief efforts. Telecommunications breakdown can also delay the mobilization of broader relief efforts and thus contribute to greater suffering and loss of life.

Telecommunications disruptions can also put emergency personnel at greater risk due to the lack of accurate and current situational information. A 2013 United Nations Report indicates that at least 300 firefighters in New York City lost their lives due to communication failures.

# **Potential Impact to Existing Structures**

The delay or disruption of emergency response because of telecommunications disruptions can also result in greater than necessary damage to the built environment and infrastructure.

# **Potential Impact to Future Development**

There has been a rapid growth in population and housing in the planning area in recent years. A larger population and more extensive built environment increase the risk of injury, loss of life, and damage should a serious and widespread telecommunications disruption occur.

In addition, development requires that vigilance is maintained in assuring that new areas of development are fully operational in terms of telecommunications. This issue was highlighted at the start of the Covid-19 Pandemic in the US when students and teachers were forced to go to classes online and students across the planning area had little or no cellular or internet access to continue their learning.

# Hazard Summary by Jurisdiction

Areas outside major growth zones like Columbia and Ashland are vulnerable to gaps in communication as the growth outruns communications expansion.

All of unincorporated Boone is at risk if commercial telecommunication systems were to go down. As the system expands and technology changes rural areas could be at risk for disruptions as current trends in tower blanketing could run into coverage roadblocks in the more rugged rural areas.

# **PROBLEM STATEMENT**

All participating jurisdictions in the planning area are vulnerable to telecommunications disruption. The greatest threat for a serious telecommunications disruption is damage to the commercial telecommunications systems. Telecommunications towers are vulnerable to ice storms, damaging winds, tornadoes and terrorism. Commercial providers are often co-located on these towers so damage to one tower can affect two or three providers. Underground telecommunication components are vulnerable to flooding and earthquakes.

Various federal programs and services, mutual aid agreements, and an active amateur radio organization in Boone County all help to ensure that communications for emergency services stay intact.

# **CYBER ATTACK**

# HAZARD PROFILE

# HAZARD DESCRIPTION

Cyber attack is the targeting of computer systems and networks for malicious purposes. The rapid development and reliance on computers networks and the internet makes this threat a serious concern for government, business, and individuals.

Cyber attacks are carried out for a variety of reasons: cybercrime, espionage, political activism ("hacktivism"), and "just for fun". Local governments are probably most vulnerable to hacktivists seeking to make a statement or individuals just set on disruption.

### **Geographic Location**

The entire planning area is at risk from a cyber-attack. While some of the smaller local governments may not use their own networks to carry out local government functions, they still rely on other networked systems to support the health and safety of their citizens.

The website hackmaggedon.com collects data on disclosed cyber-attacks from the news. As the website states repeatedly, its data represents an overview of "the tip of the iceberg".

With that caveat in mind, the purplesec.us site indicates that social media faced the largest number of attacks (56%) followed by government (27%), industries (8%), retail (4%), and technology records (4). In addition, the 2014 statistics indicate the motivation behind the attacks as follows: cybercrime (56%), accidental loss (34%), malicious insider (7%), Hactivism (2%), unknown (1%).

### Strength/Magnitude/Extent

There is a broad range of methods used for cyber-attacks. Some of the methods include:

- Phishing
- Malware
- Distributed Denial of Service (DDoS) this attack floods an internet domain with large amounts of data thus either slowing its service for legitimate use or blocking it all together; often used to make a political statement to or about the owner of the domain
- Advanced Persistent Threat (APT) this is a high level, coordinated attack which seeks to infiltrate and remain undetected on the target system; often used for corporate and intelligence espionage

As more and more people rely on cloud technology and the internet to house data and even control major components of their homes and businesses the impact of any kind of technological attack becomes greater.

# **Previous Occurrences**

Cyber attacks have been occurring since the very early days of the internet; one of the first known attacks, the Morris worm, took place in 1988. Since that time the number of attacks has increased exponentially and become a very serious concern for government, business, and individuals.

In 2014 alone, there were numerous major attacks on Target, J.P. Morgan, Home Depot, Staples, Healthcare.gov. The year 2015 began with the hacking of two social media accounts run by the U.S. military's Central Command; this was followed by the discovery of a huge breach at Anthem/Blue Cross-Blue Shield with the potential to affect an estimated 80 million customers and employees.

Locally, in December 2014, the City of Columbia's website became a target for cyber attack. The site was hit with a DDoS attack; the website of KOMU, the University of Missouri's commercial television station, was struck a few days later in what was claimed to be a related attack. The attempted disruption to the city's website continued into 2015 with a wave of DDoS attacks; due to security measures put into place, disruption has been minimal.

In 2017 147.9 million consumers were affected by a breach at Equifax.

106 million records were stolen from Capital One in 2019 that contained personal and financial information.

### **Probability of Future Events**

As more and more information and business is conducted online the more value there will be for hackers to attack and steal that information.

# VULNERABILITY

### **Vulnerability Overview**

The severity of a cyber attack varies depending upon the type of attack and the target. Some damage would be expected from any attack, as staff time and resources are required to deal with an attack and implement higher levels of security for the future.

Successful attacks targeting utilities or hospitals could potentially put public safety at risk, depending upon the type of attack(s) and the backup systems in place. The cascading effects from a serious attack could have wide-ranging impacts.

### **Potential Impact to Life**

There is the potential for a threat to health and safety from a well-planned attack, or series of attacks, on a utility or hospital system.

### **Potential Impact to Existing Structures**

At this point in time, most cyber attacks have been focused on stealing information, damaging files or shutting down networks. However, there have been two confirmed cases of cyber attacks which caused actual physical damage:

- Stuxnet, a computer worm discovered in 2010, is thought to be responsible for ruining about one-fifth of all the nuclear centrifuges in Iran.
- In 2014, hackers gained control of a blast furnace at a German steel plant and caused massive damage at the plant.

While these were high level attacks aimed at strategic targets, the developing capability to cause actual physical destruction is of great concern for the future.

# **Potential Impact to Future Development**

As reliance on computer networks increases throughout the planning area, so does the threat of greater disruption of daily life and operations from cyber-attack. Continually updating security measures is vital but cyber criminals' methods and strategies continually evolve to meet new challenges. For this reason, it is extremely important to have backup systems and continuity of operations plans in place for all essential functions potentially disrupted by cyber-attack.

# Hazard Summary by Jurisdiction

All jurisdictions in the planning area are vulnerable to a cyber-attack. While some of the smaller jurisdictions such as Hartsburg, Harrisburg, and Huntsdale may have less cyber infrastructure to attack they still maintain some online presence such as email communications.

The City of Columbia is of interest to cyber-attackers. They maintain a large online presence and technology department. A large attack on the City of Columbia could cause large disruptions to many people living or traveling through the community.

All school districts face vulnerability to cyber-attacks and malware.

# **PROBLEM STATEMENT**

The entire planning area is vulnerable to cyber-attack in some fashion; it is an increasingly serious threat in the planning area, as it is throughout the developed world. It is important that local governments have both backup systems and continuity of operations plans in place to help mitigate the risk associated with this hazard. Cyber-security risks critical information and physical operations if a hacking attempt is successful.

# **UNWANTED INTRUDER/ACTIVE SHOOTER**

# HAZARD PROFILE

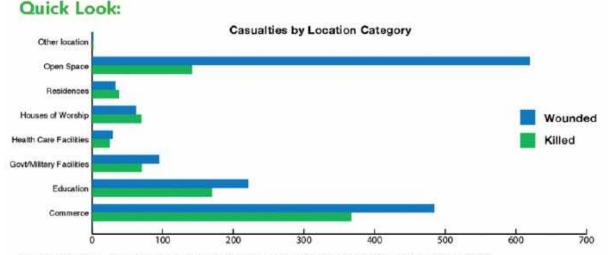
# HAZARD DESCRIPTION

The United States government defines an active shooter as "an individual actively engaged in killing or attempting to kill people in a confined and populated area." Some government agencies, such as the FBI, now reject the "confined" term in the definition as recent events show that active shooter events can take place in open areas and move between buildings.

Mitigating for active shooter events is essentially mitigating for unwanted intruders; the intention of intruders cannot always be known at the outset.

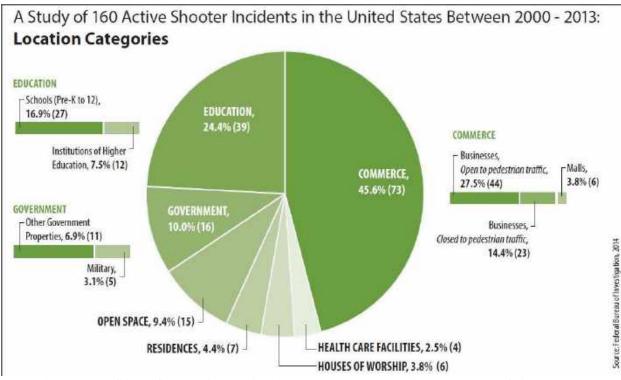
### **Geographic Location**

The entire planning area is at risk from an Unwanted Intruder/Active Shooter event. This is of particular concern for the school districts, colleges, and University who are responsible for large numbers of students and staff. However, an active shooter event can take place in any location. The FBI puts out studies and documents that look at active shooter situations across the U.S. The figure below comes from their "Active Shooter Incidents: Topical One-Pager, 2000-2018".



#### Figure 3.55

Other: Wounded-1 Killed-1. Open Space: Wounded-618, Killed-140. Residences: Wounded-37. Killed-40. Houses of Worship: Wounded-60, Killed-71. Heath Care Facilities: Wounded-30, Killed-25. Gov/MilitaryFacilities: Wounded-94, Killed-71. Education: Wounded-220, Killed-171. Commerce: Wounded-486, Killed-355.



Source: https://www.fbi.gov/file-repository/active-shooter-one-page-summaries-2000-2018.pdf/view

# Strength/Magnitude/Extent

The 2013 FBI report "A Study of Active Shooter Incidents in the United States Between 2000 and 2013" had the following key findings regarding the nature of the active shooter events studied:

Evolution of the event -

- Active shooter incidents develop very rapidly. In 64 of the incidents where the duration could be determined, 69% of the incidents ended in 5 minutes or less with 36% of the incidents ending in 2 minutes or less.
- 67% of the events ended before police arrived and could engage the shooter
- In 28% of the incidents, law enforcement and the shooter exchanged gunfire
- In 13% of the incidents, unarmed individuals successfully and safely restrained the shooter.
- In 40% of the incidents, the shooters committed suicide

Characteristics of the shooter -

- 99% of the events involved a single shooter
- 96% of the events were carried out by men
- In incidents occurring in businesses closed to pedestrian traffic (23 incidents), all but one of the incidents were carried out by current or previous employees.
- In incidents in businesses open to pedestrian traffic and malls, the shooters generally had no relationship to the businesses.
- In high school and middle school incidents, the shooter was usually a student; the elementary school incidents did not involve a student at the school.

# **Previous Occurrences**

According to information from the Boone County Office of Emergency Management, unwanted intruders occur regularly in the planning area; however, there have been no active shooter events.

Nationwide, the FBI study identified 277 active shooter events in the nation in the period 2000-2018. This was an average of 15.4 events per year.

# **Probability of Future Events - High**

An unwanted intruder is a common event in the planning area and intention cannot be known at the outset. For this reason, the probability of an unwanted intruder/active shooter event has been rated high. Mitigation for active shooters is, first and foremost, mitigation for unwanted intruders.

### VULNERABILITY

### Vulnerability Overview

During the period 2000-2018, 277 active shooter events in the U.S. resulted in 884 deaths and 1,546 injuries, according to the 2000-2018 FBI Topical One-Pager.

### **Potential Losses to Life**

The main impact of active shooter events is the loss of and/or injury to human life. In addition, there is the psychological trauma experienced by all those directly involved in an event, by the families of those involved, and by the wider community.

### **Potential Losses to Existing Structures**

Active shooter events often involve some damage to buildings from the gunfire involved. In addition, a decision is often made after an event to either renovate areas where most of the incident took place or to totally demolish a building.

### **Potential Losses to Future Development**

Educational institutions must take the possibility of active shooter events into account in all future development. One issue brought up in the Planning Committee meetings is that schools must be designed differently than they were in the past. This has caused a problem for at least one school district in the planning area which struggled to get architects to understand the imperative need to prioritize safety over aesthetics.

### Hazard Summary by Jurisdiction

All jurisdictions in the planning area are vulnerable to an active shooter situation. The City of Columbia is the government seat for the county and hosts large events that can become targets for an active shooter.

All school districts and education facilities are potential targets for attack.

Hartsburg has a pumpkin festival in the fall that draws large crowds to a rural outdoor venue that could be difficult to get additional emergency personnel into if a mass shooting event were to occur.

# **PROBLEM STATEMENT**

The entire planning area is vulnerable to an unwanted intruder/active shooter event. There has been an intensive focus in the planning area on preventing, mitigating, and preparing to respond to this type of event. Programs have been put in place which will continue to expand on the current capabilities.

While the risk of an unwanted intruder/active shooter event is of special concern to the educational institutions with their responsibility for large numbers of students, the data indicates that over 75% of incidents actually occur outside of school settings. The prevention, mitigation, and preparedness activities in the planning area are addressing this reality through the widespread training of all emergency personnel and a widening focus beyond the schools.

# TERRORISM

# HAZARD PROFILE

### HAZARD DESCRIPTION

The Federal Bureau of Investigation (FBI) defines terrorism as "the unlawful use of force or violence against persons or property to intimidate or coerce a government, the civilian population, or any segment thereof, in furtherance of political or social objectives."

The RAND Corporation, which has been compiling data on terrorism since 1968, provides the following definition for the acts included in its Database of Worldwide Terrorism Incidents (RDWTI):

Terrorism is defined by the nature of the act, not by the identity of the perpetrators or the nature of the cause; key elements include:

- Violence or the threat of violence
- Calculated to create fear and alarm
- Intended to coerce certain actions
- Motive must include a political objective
- Generally directed against civilian targets
- Can be a group or an individual

Terrorism can be perpetrated by either domestic or international/internationally-directed individuals or groups. International terrorism is an evolving threat which, due to recent events, has come into greater focus for local communities.

#### **Geographic Location**

The entire planning area is vulnerable to terrorism. The City of Columbia is the largest population center and hosts many large-scale events; there are also large festivals and gatherings in numerous other places throughout Boone County. Major pipelines, a potential target, also run through the planning area and major highway systems, allowing easy access, intersect in Columbia.

#### Strength/Magnitude/Extent

Terrorist acts can take many forms. Many of the methods of terrorism have been addressed separately in other sections of this plan: active shooter incident, hazardous materials release causing a public health emergency, transportation incident, utility service disruption, telecommunications disruption, cyber-attack, and bombing causing a mass casualty/fatality event; civil unrest may generate terrorist acts. In addition, terrorist acts may take the form of arson, kidnapping, and assassination.

#### **Previous Occurrences**

There is a long history of terrorist acts, both domestic and international, in the United States.

Domestic terrorist incidents have been perpetrated from both sides of the political spectrum and by religious groups, white supremacist groups, and disaffected individuals.

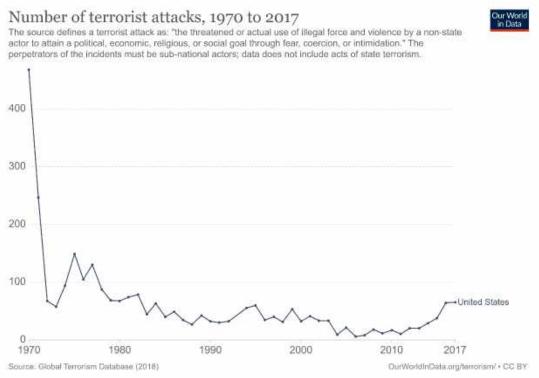
While not the first international terrorist incidents in the U.S., the 1993 bombing of the World Trade Center in New York City and subsequent Sept. 11, 2001 attacks brought international terrorism into the spotlight for the general public. Events following the 9/11 attacks ushered in a dramatic increase in global terrorism.

There have been no known terrorist attacks in the planning area.

# **Probability of Future Events**

While terrorism has been increasing dramatically worldwide since about 2004 (Figure 3.57), incidents in the U.S. declined since the 1990s, but have started to go back up in recent years according to data from the Global Terrorism Database. The database, which was created by the Center for Terrorism and Intelligence Studies in collaboration with academic institutions and government agencies, currently has data available for the years 1970-2017.

# Figure 3.57



# Vulnerability

### **Vulnerability Overview**

While the potential for a terrorist attack is low in the planning area the City of Columbia's location at the crossroads of major transportation avenues make it a possible target. Damage to

the road network running through Columbia could cause large delays in transportation of goods and services, not only in Central Missouri, but across the state and for the Central U.S.

# **Potential Losses to Life**

Terrorism is a serious threat to life. Even if a terrorist event is thwarted and does not result in injury or death, it is still a great psychological trauma for a population.

# **Potential Losses to Existing Structures**

Terrorism is a serious threat to existing structures. Bombs have been and continue to be a frequent tactic of both domestic and international terrorists.

# **Potential Losses to Future Development**

Future development could provide new structural targets for terrorism but, overall, does not really impact the threat.

# Hazard Summary by Jurisdiction

The City of Columbia is at greatest risk for terrorism since it is the largest urban area in the region and houses the most critical infrastructure. There is little terroristic threat to other jurisdictions within the region.

Information gathering and surveillance of suspected terrorists are major mitigation actions for this hazard. However, due to the nature of the hazard, information on this type of mitigation is not publicly available. All mitigation activities in place in the planning area for hazards which might be used as tools by terrorists also serve as mitigation for this hazard.

# PROBLEM STATEMENT

Terrorism within the U.S. is a fairly rare event when looked at from the perspective of the size of the country. While terrorism has been dramatically increasing worldwide since about 2004, it has been declining in the U.S. since the 1990s. But terrorism is, by its nature and continual evolution, unpredictable. It can take many forms and all jurisdictions in the planning area are vulnerable.

Given the rarity of a terrorist event in the U.S., the planning area would be considered to have a low vulnerability to this hazard; however, that is not zero vulnerability. It is important to be aware of and monitor any potential threats on the local level. As political tensions rise within and throughout the country acts of domestic terrorism could become and increasing factor for locals to consider.

# **CIVIL DISORDER**

# HAZARD PROFILE

# HAZARD DESCRIPTION

The rights of free assembly and free speech are protected under the U.S. Constitution. However, at times throughout history, such assemblies have turned destructive and violent; such behavior conflicts with the government's role, outlined in the Preamble of the Constitution, to "promote domestic tranquility". This transformation of a peaceful gathering to a violent crowd or mob is almost always preceded by some actual or perceived triggering event.

The Revised Statutes of MO, Section 574.070, define civil disorder as "any public disturbance involving acts of violence by assemblages of three or more persons, which causes an immediate danger of or results in damage or injury to the property or person of any other individual".

### **Geographic Location**

If a civil disorder event were to occur in the planning area, it would most probably take place in the major population center, the City of Columbia, or at the institutes of higher education in Columbia (Columbia College, Stephens College, or the University of Missouri).

### Strength/Magnitude/Extent

Civil disorder can range from minor infractions of law to large scale rioting.

### **Previous Occurrences**

There were two notable historic instances of civil disorder in the planning area. They both resulted in lynching:

- In 1853, a slave who had been accused of attempting to rape a 15-year old white girl was dragged from the Boone County jail and lynched on the outskirts of Columbia. The lynching occurred after another lynching mob had been persuaded from their action the day before (*Missouri's Black Heritage*, Lorenzo J. Green, Gary R. Kremer, Antonio F. Holland, University of Missouri Press, 1993).
- On April 29, 1923, a black janitor at the University of Missouri was lynched by a crowd for the alleged rape of a 15-year old white girl. The man had been forcibly removed from the Boone County jail by the mob. The lynching on the Stewart Street Bridge in Columbia occurred despite the pleas of the girl's father who said he believed the man was innocent ("Legacy of a Lynching", *Columbia Missourian*, May 3-8, 2003).
- In May 1960, large anti-war rallies were held at the University of Missouri (MU) in Columbia after four students were shot and killed by National Guardsmen at Kent State in Ohio. Some arrests of MU students and faculty were made but the protests were largely non-violent ("Panelists recount Vietnam War-era protests on MU campus", *Columbia Tribune*, April 22, 2014).

- In 1986, there was civil unrest for a few days which involved rock throwing along Providence Road in Columbia. Also in the mid-1980s, there were rallies at the University of Missouri promoting the University's divestiture in South African investments; shanties were set up on campus but the demonstrations remained peaceful.
- In 2014, there was prolonged civil unrest resulting in deaths, injuries, and destroyed property in Ferguson, Missouri, in the wake of the shooting death of a black teenager by a police officer. Protests took place in Columbia after the Ferguson shooting but they remained peaceful.
- In 2020, protests across the country over the police killing of a man in Minneapolis brought protests to the streets of Columbia. While protests elsewhere occasionally broke out in looting, riots, and the burning of local business, protest in Columbia remained calm. Minor injuries were reported when a driver hit a couple of protesters who were standing in a road intersection.

# **Probability of Future Events - Low**

The *Missouri Hazard Analysis* concluded that there will continue to be protests and demonstrations in the state which could erupt into civil disorder. "However, based on the state's general history of civil disturbance...the probability that such incidents will develop into full-scale riots is considered low."

# VULNERABILITY

# **VULNERABILITY OVERVIEW**

There is a large range of impacts which could occur with civil disorder based on many variable factors. Some disturbances might result in minor infractions/property damage while large disturbances can result in major injuries, death, extensive property damage, high economic losses and high emergency management costs.

#### **Potential Losses to Life**

Civil disorder poses a risk of injury and possibly even death in large scale rioting.

### **Potential Losses to Existing Structures**

There is the potential for significant damage to buildings and property from civil disorder which becomes violent.

### **Potential Losses to Future Development**

Development, in and of itself, should not impact civil unrest. However, it is very important that citizens feel they have a voice in any development which will impact their lives and homes. Unfair treatment, real or perceived, could become a triggering event for civil unrest.

The City of Columbia and University Campuses have the highest risk for civil unrest. The planning area is well prepared for a multi-agency response should civil unrest pose a threat.

The University of Missouri encourages marches on campus to avoid greater problems which might occur if students felt they had not been allowed to express their ideas. The University works with the leaders of marches and clearly outlines the boundaries of acceptable/unacceptable behavior and uses social media to communicate with students.

Unincorporated Boone and its smaller jurisdictions are low risk for major civil unrest.

# **PROBLEM STATEMENT**

Civil disorder is not a major concern for the planning area; the historical record would indicate a mostly peaceful history of protests and demonstrations through some very challenging times. The last major incident of civil unrest, a lynching, took place almost 100 years ago.

While there is a low probability of civil disorder, the City of Columbia, Columbia College, Stephens College, and the University of Missouri are vulnerable to this hazard. The University of Missouri has adopted a proactive approach to civil disorder by working with demonstration leaders to assure freedom of speech rights while clearly delineating the boundaries of appropriate conduct.

# MASS CASUALTY/FATALITY EVENT

# HAZARD PROFILE

# HAZARD DESCRIPTION

Mass casualty/fatality is a potential cascading effect from many of the hazards profiled in this plan. Notably, an earthquake, damaging winds, tornado, public health emergency, transportation incident, active shooter, terrorism, and civil disorder have the potential to cause mass casualties/fatalities in the planning area. In addition, the planning area includes major transportation corridors running both east/west and north/south. Vehicle accidents are another potential cause of a mass casualty/fatality event.

Mass casualty/fatality is being profiled as its own event to allow for specific analysis of potential effects of multiple injury/loss of life in the planning area.

#### **Geographic Location**

The entire planning area is vulnerable to a mass casualty/fatality event.

#### Strength/Magnitude/Extent

The term "extent" is meaningless for a mass casualty/fatality event by the definition used in this plan which is "an attribute of the hazard alone ... (which) does not include its effect on humans". By definition, a mass casualty/fatality event has affected humans.

# **Previous Occurrences**

There have been numerous incidents of mass casualty/fatality in the planning area. The rate of school bus accidents averages approximately one every other year, according to an estimate from the Boone County Fire Protection District.

In 2005, there was a van accident on I-70 to the west of Columbia which involved 17 people; there were numerous injuries and some fatalities.

In 2013, there were over 100 medical emergency incidents at University of MO football game. Most of the incidents were related to dehydration which was exacerbated by alcohol.

During the Covid-19 Pandemic MU medical centers prepared for an influx of coronavirus patients from all over the region. Luckily, they did not see the crippling levels of patients that hospitals in other states and regions were subjected to.

### **Probability of Future Events**

Many things can lead to mass casualties ranging from severe weather events, to car accidents, to pandemics and targeted attacks. With the past incidents combined with the high number of opportunities to see fatalities the probability of them is high.

### VULNERABILITY

# **Vulnerability Overview**

The entire jurisdiction is vulnerable to mass casualties. A major accident strains emergency personnel in the vicinity of the accident, road crews if a road is shut down or damaged, and the medical professionals who have to triage and help those coming in injured. Jurisdictions where medical and first responder facilities are located and well-traveled roads that run through towns or blind intersections are vulnerable to mass casualties.

### **Potential Losses to Life**

By definition, a mass casualty/fatality event has caused injury and/or loss of life. In analyzing further effects of mass casualties/fatalities, the psychological effect is paramount. In addition to traumatic shock to the population as a whole, those who have lost loved ones will be dealing with grief and potential loss of income for life maintenance. There will be a great need for a variety of types of support for those directly affected.

### **Potential Losses to Existing Structures**

Mass casualty/fatality events are not a threat to infrastructure although there may have been structural damage from the precipitating incidents. However, mass casualty/fatality events do put a strain on emergency and medical personnel/facilities.

#### **Potential Losses to Future Development**

As populations grow and increase in density, it is important that supporting infrastructure and services increase accordingly; this is important at all times but lack of appropriate balance will be highlighted in times of extreme duress such as mass casualty/fatality events.

### Hazard Summary by Jurisdiction

All jurisdictions are vulnerable to mass casualty events from a variety of sources. Major road accidents, severe weather mentioned in earlier sections, heat exhaustion at sporting events or other large gatherings can pose serious risks to a large number of people at one time.

School districts must take care at sporting events to ensure students and spectators are safe.

### **PROBLEM STATEMENT**

Mass casualty/fatality events are a fairly common occurrence in the planning area; all participating jurisdictions are vulnerable to such events.

Historically, the majority of mass casualty/fatality events have been related to vehicular accidents on roads and highways. However, many of the hazards profiled in this plan could cause mass casualties or fatalities; mitigation for those hazards also helps to mitigate for these events.

#### **Section 4: Mitigation Strategy**

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- Boone County
- Ashland
- o Centralia
- $\circ$  Columbia
- $\circ$  Hallsville
- Harrisburg
- Hartsburg
- o Huntsdale
- Rocheport
- Sturgeon
- Centralia R-VI School District
- Columbia Public Schools
- Hallsville R-IV School District
- Harrisburg R-VIII School District
- Southern Boone School District
- Sturgeon R-V School District
- Stephens College
- University of Missouri

# Section 4: Mitigation Strategy

44 CFR Requirement §201.6(c)(3): The plan shall include a mitigation strategy that provides the jurisdiction's blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and its ability to expand on and improve these existing tools.

The original Project Steering Committee (2004-2005) was charged with developing a comprehensive range of mitigation actions to promote the agreed upon mitigation goals. Objectives were defined under each goal and the mitigation actions were then developed to promote each objective. The following six categories of mitigation were considered in developing the mitigation actions:

- **Prevention tools** regulatory methods such as planning and zoning, building regulations, open space planning, land development regulations, and storm water management.
- **Property protection measures** acquisition of land, relocation of buildings, modifying at-risk structures, and flood proofing at-risk structures.
- Natural resource protection erosion and sediment control or wetlands protection.
- **Emergency services measures** warning systems, response capacity, critical facilities protection, and health and safety maintenance.
- Structural mitigation reservoirs, levees, diversions, channel modifications and storm sewers.
- **Public information** providing hazard maps and information, outreach programs, real estate disclosure, technical assistance and education.

# GOALS

44 CFR Requirement §201.6(c)(3)(i): [The hazard mitigation strategy shall include a] description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.

The hazard mitigation goals first developed during the 2004 planning process were updated in 2015 to reflect the inclusion of technological and human-made disasters in the mitigation plan. The planning committee chose to not change the goals for this update as they felt they were still feasible and relevant to challenges facing the planning area.

The five goals for the Boone County Hazard Mitigation Plan (2020) are:

- Goal 1: Mitigation Planning Mitigate the effects of future natural, technological, and human-made hazards throughout the County through public and private action.
- Goal 2: Mitigation Policy Develop policies that limit the impact of natural, technological, and human-made hazards on lives and property.
- Goal 3: Mitigation Programs Implement cost effective and feasible mitigation programs to protect lives and property of Boone County jurisdictions.

- Goal 4: Public Awareness Increase public awareness of natural, technological, and human-made hazards in order to make the public a greater partner in hazard mitigation planning.
- Goal 5: Future Development Promote hazard-proof development in the jurisdictions of Boone County.

# Identification and Analysis of Mitigation Actions

44 CFR Requirement §201.6(c)(3)(ii): The mitigation strategy shall include a section that identifies and analyzes a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard, with particular emphasis on new and existing buildings and infrastructure.

### **Update of Mitigation Actions**

The Planning Committee for the 2020 update reviewed and evaluated the status of the mitigation actions from the original plan. In order to ensure that there was a comprehensive mitigation approach to each hazard, there was a discussion of each hazard and the existing actions focused on its mitigation. Most actions were retained for the 2020 update; some were deleted as unrealistic or inappropriate and some were removed for completion.

For the 2020 update, the actions in the plan were reviewed by the planning committee and categorized as follows:

- Completed with a description of the progress.
- Some uncompleted actions were removed from the strategy action plan for various reasons.
- Many of the 2015 actions were kept in the 2020 strategy action plan either because they have not yet been completed or because they are ongoing actions which the committee wanted to highlight in the overall plan.

### Table 4.1 Action Status Summary

Jurisdiction	Completed Actions	Continuing Actions (ongoing or modify)	Deleted Actions
All	4	4	3

### Table 4.2 Summary of Completed and Deleted Actions from the previous Plan

Completed Actions	Completion Details
Conduct a phased flow study along major	2017
highway routes to help determine quantities	
of hazardous materials being transported	

through Boone County	
Investigate tools for automated notification	RAVE
system to be used collaboratively throughout	
Boone County and its jurisdictions.	
Acquire generators and power transfer	RHSOC funding
hookup equipment.	
Conduct survey of generator needs of critical	2016
infrastructure in planning area; include	
information on sizing, hookup, and fuel	
storage.	
Deleted Actions	Reason for Deletion
Continue to meet Revised Statutes of	This is being done since it's required
Missouri concerning earthquake emergency	
system and earthquake safety in schools.	
Evaluate and maintain emergency	This is being done since it's required
preparedness plans.	
Conduct emergency preparedness exercises	This is being done and is not measurable
periodically throughout the year.	

# IMPLEMENTATION OF MITIGATION ACTIONS

44 CFR Requirement §201.6(c)(3)(ii): The mitigation strategy shall include an action strategy describing how the actions identified in paragraph (c)(2)(ii) will be prioritized, implemented, and administered by the local jurisdiction. Prioritization shall include a special emphasis on the extent to which benefits are maximized according to a cost benefits review of the proposed projects and their associated costs.

Jurisdictional MPC members were encouraged to meet with members of their community to finalize actions to be submitted for the updated mitigation strategy. The Disaster Mitigation Act requires benefit-cost review as the primary method by which mitigation projects should be prioritized. The committee was asked to take this into account when discussing actions for their jurisdiction. It was decided that projects will be prioritized by when and where damage occurs, available funding, and political will. Details of projects at the planning stage are not in-depth benefit/cost reviews and further details will be refined as there is project development

# **STAPLEE AND BENEFIT/COST REVIEWS**

**STAPLEE Review** – The process for selecting and prioritizing action items did not change for the update. The Planning Committee conducted a STAPLEE review of the ongoing and possible new mitigation actions using key questions for each of the STAPLEE categories:

		Community Acceptance	Is the action generally acceptable to the community?								
S	Social	Effect on Segment	Will this action have an adverse effect on any one segment of the community?								
		Technically Feasible	Is the action technically feasible?								
Т	Technical	Long-term Solution	Does the action represent a long-term solution or is it more of a band-aid?								
		Secondary Impacts	Are there any negative secondary impacts to the action?								
Α	Administrative	Staffing	Is there staffing available to lead and carry out the action?								
A	Administrative	Maintenance	Can the jurisdiction provide any maintenance required?								
		Political Support	If the action requires political action, is the political support there?								
Р	Political	Local Champion	Is there a local champion to promote the action?								
		Public Support	Will the public support the political action needed to accomplish the mitigation?								
L	Legal	Existing Local Authority	Does the local jurisdiction have authority to carry out the action?								
		Potential Legal Challenge	Does the action run the risk of potential legal challenge?								
E	Economic	Contribute to Economic Goals	Does the action contribute to other economic goals, such as capital improvements or economic development?								
		Project Funding	Is funding already allocated or is outside funding required?								
Е	Environmental	Effects - Land/Water	How will this action affect land and water resources?								
Ľ	Environmental	Effects- Endangered Species	How will this action affect endangered species?								

Each action was scored for each criterion according to the following scale:

-1	0	1	na
Less Favorable	Mixed	Favorable	(not applicable)

After the actions were evaluated, the following formula was used to calculate the percentage of points scored out of points available for each individual action: % score = (total points/total of applicable criteria) \* 100

# **Benefit/Cost Review**

The benefit of each action was evaluated by awarding two (2) points for each of the following *avoided* damages (8 points maximum = highest benefit):

- Injuries and/or casualties (IC)
- Property damages (PD)
- Loss-of-function (LF) includes loss of utility services, impact of road/bridge closures, loss of income, cost of displacement
- Emergency management costs/community costs (EM)

The cost of each action was according to the following scale (-4 points maximum = highest cost):

- Already in place or easily put into work program (-1)
- Low/moderate cost could be worked into operating budget (-2)
- Moderate/high cost -help with funding possibly needed depending on specifics of project (-3)
- High cost outside help with funding definitely needed (-4)

Note: For the Benefit/Cost Review, the benefit and cost of actions which used the word "Encourage" were evaluated *as if* the action or strategy being encouraged was actually to be carried out.

# Prioritization

The Planning Committee reviewed the % STAPLEE score and benefit/cost review for all of the actions and prioritized them according to the following scale:

- High Work should begin as soon as possible; action should be accomplished in the next 5 years
- Medium Work could begin within the next 5 years, if time and resources allow
- Low Long-range goal, if time and resources allow; work within the next 5 years is possible but not probable

It was understood that some of these priorities might be changed by the individual jurisdictions due to funding or staffing constraints as they developed their plans for action implementation.

It should be noted that a number of high priority actions scored somewhat low on both the STAPLEE review and the benefit/cost review due to their high cost which figures into both reviews. These actions remain a high priority with the hope that funding will become available.

Figure	6.7 Prioritiza	tion	of	Miti	nati	on	Acti	ons	usir	na S	та	N F	Fai	nd F	Bene	əfit/(	Cost	Anal	vsis					
	Thoma20				guti					-	EE A						000	Anar	<u>y</u> 010		<b>.</b>			
		So	Social Technical					min	P	Political Legal			gal	Ec	on	E	nv	т	otal	BENEF	T/C	OST	Priority	
Action #	Mitigation Action	Community Acceptance	Effect on Segment	Technically Feasible	Long-term Solution	Secondary Impacts	Staffing	Maintenance	Political Support	Local Champion	Public Support	Existing Local Authority	Potential Legal Challenge	Contribute to Economic Goals	Outside Funding Required	Effects - Land/Water	Effects- Endangered Species	Total Applicable	STAPLEE % Score	Losses Avoided (2 pts. Each)	Benefit	Cost	B/C Total	2015 <b>P</b> lan
1.1.1	Continue to supply updated GIS base map information to support changing/updating the D-FIRM maps using local, accurate data.	1	na	1	0	1	1	1	1	1	1	1	na	na	1	na	na	11	90.9%	IC,PD,LF,EM	8	-1	7	н
1.1.2	Continue to participate as a partner in FEMA's RISKMap process.	1	na	1	1	1	1	1	1	1	na	1	na	1	1	na	na	11	100.0%	IC,PD,LF,EM	8	-1	7	н
1.1.3	Continue monthly testing of outdoor warning sirens in compliance with procedures set by the Office of Emergency Management.	1	na	1	1	1	1	1	1	1	1	1	na	na	1	na	na	11	100.0%	IC, EM	4	-1	3	н
1.1.4	The Public Works Department will adhere to a routine maintenance schedule for brush cutting and tree trimming to keep branches from overhanging roads.	0	na	1	1	1	1	1	1	1	0	1	na	na	1	na	na	11	81.8%	IC,PD,LF,EM	8	-1	7	Н
1.1.5	Encourage the local water district to have adequate fire flow.	1	na	1	1	1	1	na	1	1	1	na	na	na	0	1	1	11	90.9%	IC,PD,LF,EM	8	-3	5	М
1.1.6	Conduct a flow study along major highway routes to help determine quantities of hazardous materials being transported through Boone County.	1	na	1	1	1	1	na	na	na	na	1	na	1	0	na	na	8	87.5%	IC,PD,LF,EM	8	-2	6	Н

Figure	igure 6.7 (cont.) Prioritization of Mitigation Actions using STAPLEE and Benefit/Cost Analysis																									
					<u> </u>					-	EE A								<u> </u>	BENEFIT/COST				Priority		
		Soc	Social Technical				Adı	Admin Political					gal	Ec	on	E	nv	Т	otal	BENEFIT			1/0051			
Action #	Mitigation Action	Community Acceptance	Effect on Segment	Technically Feasible	Long-term Solution	Secondary Impacts	Staffing	Maintenance	Political Support	Local Champion	Public Support	Existing Local Authority	Potential Legal Challenge	Contribute to Economic Goals	Outside Funding Required	Effects - Land/Water	Effects- Endangered Species	Total Applicable	STAPLEE % Score	Losses Avoided (2 pts. Each)	Benefit	Cost	B/C Total	2015 Plan		
1.1.7	Conduct a survey of generator needs of critical infrastructure in Planning Area; include information on sizing, hookup, and fuel storage.	1	na	1	1	1	0	0	na	na	na	1	na	1	1	na	na	9	77.8%	IC,PD,LF,EM	8	-2	6	М-Н		
1.1.8	Conduct detailed risk assessments and cost/benefit analyses of telecommunications and networking vulnerabilities in individual municipalities.	1	na	1	1	1	0	0	na	na	na	1	na	1	1	na	na	9	77.8%	IC,PD,LF,EM	8	-1	7	M-H		
1.1.9	Investigate tools for automated notification system to be used collaboratively throughout Boon e County and its jurisdictions.	1	na	1	1	1	1	1	na	na	na	1	na	1	0	na	na	9	88.9%	IC,PD,LF,EM	8	-2	6	М		
1.1.10	Develop a Continuity of Operations Plans (COOP).	1	na	1	1	1	0	0	1	1	1	1	na	1	0	na	na	12	75.0%	IC,PD,LF,EM	8	-2	6	Н		
1.1.11	Strategize and establish local source(s) of sustainable mitigation funding to be used by participating jurisdictions in the Boone County Hazard Mitigation Plan as direct project funding and/or as local match for outside grants.	0	na	1	1	1	1	na	1	1	0	1	na	1	na	1	na	11	81.8%	IC,PD,LF,EM	8	-2	6	н		

Figure	Figure 6.7 (cont.) Prioritization of Mitigation Actions using STAPLEE and Benefit/Cost Analysis																							
	STAPLEE ANALYSIS															BENEFIT/COST				Priority				
		So	cial	Technical			Admin		Political			Legal		Econ		Env		Total						FIORITY
Action #	Mitigation Action	Community Acceptance	Effect on Segment	Technically Feasible	Long-term Solution	Secondary Impacts	Staffing	Maintenance	Political Support	Local Champion	Public Support	Existing Local Authority	Potential Legal Challenge	Contribute to Economic Goals	Outside Funding Required	Effects - Land/Water	Effects- Endangered Species	Total Applicable	STAPLEE % Score	Losses Avoided (2 pts. Each)	Benefit	Cost	B/C Total	2015 Plan
1.2.1	Encourage underground utilities where feasible.	1	na	1	1	0	1	na	na	na	na	na	na	1	1	-1	na	8	62.5%	IC,PD,LF,EM	8	-2	6	н
1.2.2	Review and formalize relationships with cooling and warming centers in each community.	1	1	na	na	1	0	0	na	na	na	1	na	na	1	na	na	7	71.4%	IC,EM	4	-1	3	н
1.2.3	Establish agreements with cellular providers for "Cell on Wheels" units to be made available in case of telecommunications disruption.	1	na	1	1	1	1	1	na	na	na	1	na	1	1	na	na	9	100.0%	IC,PD,LF,EM	8	-1	7	Н
1.2.4	Work with owners of dams not regulated by the State who are willing to develop Emergency Action Plans (EAPs).	0	na	1	1	1	0	0	1	1	1	1	na	1	1	1	na	13	76.9%	IC,PD,LF,EM	8	-1	7	L-M
2.1.1	Continue to enforce flood damag e prevention/floodplain management ordinances in compliance with NFIP requirements.	0	na	1	1	1	1	1	1	1	0	1	na	na	1	1	na	12	83.3%	IC,PD,LF,EM	8	-1	7	н
2.1.2	Add sinkhole regulations to stream buffer/storm water ordinance.	0	na	1	1	1	1	na	1	1	0	1	na	na	1	1	na	11	81.8%	IC,PD,LF,EM	8	-2	6	м

Figure	6.7 (cont.) Prioritiza	tion	of	Miti	gati	on	Acti	ons	usir	na S	TAF	PLE	Ear	nd E	Bene	efit/(	Cos	Anal	vsis					
					<u>.</u>				S201	-	EE A			100					<b>,</b>	DENER		007		Deiesite
		So	cial	Те	chni	cal	Ad	min	P	olitic	al	Le	gal	Ec	on	E	nv	Т	otal	BENEF	BENEFIT/COST P		Priority	
Action #	Mitigation Action	Community Acceptance	Effect on Segment	Technically Feasible	Long-term Solution	Secondary Impacts	Staffing	Maintenance	Political Support	Local Champion	Public Support	Existing Local Authority	Potential Legal Challenge	Contribute to Economic Goals	Outside Funding Required	Effects - Land/Water	Effects- Endangered Species	Total Applicable	STAPLEE % Score	Losses Avoided (2 pts. Each)	Benefit	Cost	B/C Total	2015 Plan
2.1.3	Develop policy and enforcement regulations concerning burning and/or encourage development of burn permit procedure.	0	na	1	1	1	0	na	1	1	0	1	na	na	1	1	1	12	75.0%	IC,PD,LF,EM	8	-2	6	м
2.2.1	Review building codes every two/three years for possible update.	0	na	1	1	1	1	1	na	na	na	1	na	na	1	na	na	8	87.5%	IC,PD,LF,EM	8	-1	7	н
2.2.2	Develop regulations for roads on dams.	-1	na	1	1	1	1	na	1	1	0	1	na	na	1	1	na	11	72.7%	IC,PD,LF,EM	8	-2	6	н
3.1.1	Secure high value equipment located outside county and municipal buildings (e.g. HVAC, generators, communication equipment).	1	na	1	1	1	0	1	na	na	na	1	na	na	1	na	na	8	87.5%	IC,PD,LF,EM	8	-2	6	н
3.1.2	Replace 2, 3, and 4 inch water lines with 6 inch lines to ensure adequate supply for fire flow.	1	na	1	1	1	1	1	1	1	1	1	na	na	-1	1	na	12	83.3%	IC,PD,LF,EM	8	-4	4	М
3.1.3	Mitigate the effects of flooding on public infrastructure.	1	na	1	1	1	1	1	na	na	na	1	na	na	0	na	na	8	87.5%	IC,PD,LF,EM	8	-3	5	н
3.1.4	Move the salt dome at the University of Missouri to protect Hinks on Creek in case of damage from high winds or tomadoes.	1	na	1	1	1	1	na	1	1	na	1	na	1	-1	1	1	12	83.3%	IC,PD	4	-4	0	н

The mitigation actions suggested for the specific participating jurisdictions were handed over to the representatives or governing bodies of those jurisdictions for implementation and administration decisions.

It was recognized that participating jurisdictions might choose to either change the prioritization of or exclude some suggested mitigation actions based on current specifics of time, resources, and capabilities. In addition, new mitigation actions might be added based on specific issues.

The mitigation actions for which each participating jurisdiction is the lead are shown in the following pages. The Boone County Office of Emergency Management is the lead on many actions which mitigate hazards for the entire planning area; these actions are indicated in Figure 6.6 by the use of an asterisk (\*) for jurisdictions benefiting from such actions.

A description of the method for integrating the hazard mitigation actions into other planning processes in the jurisdiction is included after the actions.

### BOONE COUNTY

Action #	1.1.1				
Mitigation Action	Continue to supply updated GIS base map information to support changing/updating the D-FIRM maps using local, accurate data.				
Priority	High				
Lead Department or Agency	County Commission				
Partners, if any	City of Columbia, GIS Departments				
Plan for Implementation and Administration	The County will be meeting with FEMA staff to work on the next step of their digitization project.				
Benefits (Losses Avoided)	IC,PD,LF,EM				
Projected Cost	Minimal				
Potential Funding Sources	Internal Funds				
Projected Completion Date	Ongoing				
Criterion for Completion	GIS information supplied				
· · · · · · · · · · · · · · · · · · ·					
Action #	1.1.2				
Mitigation Action	Continue to participate as a partner in FEMA's RISKMap process.				
Priority	High				
Lead Department or Agency	Boone County Resource Management Dept				
Partners, if any	FEMA				
Plan for Implementation and Administration	This is an ongoing activity with the Boone County Resource Management Dept				
Benefits (Losses Avoided)	IC,PD,LF,EM				
Projected Cost	Minimal				
Potential Funding Sources	Internal funds/grants				
Projected Completion Date	Ongoing				
Criterion for Completion	Ongoing				
Action #	1.1.3				
Mitigation Action	Continue monthly testing of outdoor warning sirens in compliance with procedures set by the Office of Emergency Management.				
Priority	High				
Lead Department or Agency	Office of Emergency Management				
Partners, if any	BCJC				
Plan for Implementation and Administration	BCJC conducts monthly tests of the outdoor warning sirens on the first Wednesday of the month (barring inclement weather); a check system is in place to ensure that the sirens went off. An annual maintenance agreement is in place to resolve any mechanical issues that should arise throughout the year.				
Benefits (Losses Avoided)	IC, EM				
Projected Cost	Moderate				
Potential Funding Sources	Internal Funds				
Projected Completion Date	Ongoing				
Criterion for Completion	Regular testing				

Action #	1.1.4				
Mitigation Action	The Public Works Department will adhere to a routine maintenance schedule for brush cutting and tree trimming to keep branches from overhanging roads.				
Priority	High				
Lead Department or Agency	Public Works Department				
Partners, if any					
Plan for Implementation and Administration	This is an ongoing activity within the Public Works Department				
Benefits (Losses Avoided)	IC,PD,LF,EM				
Projected Cost	Minimal				
Potential Funding Sources	Internal Funds				
Projected Completion Date	Ongoing				
Criterion for Completion	Brush and trees are trimmed.				
· · · ·					
Action #	1.1.8				
Mitigation Action	Conduct detailed risk assessments and cost/benefit analyses of telecommunications and networking vulnerabilities in individual municipalities.				
Priority	Medium to High				
Lead Department or Agency	Office of Emergency Management				
Partners, if any	All incorporated communities				
Plan for Implementation and Administration	Conduct workshop with IT leaders to identify issues and trends in network and telecommunication continuity. Identify potential strategies and secure training on selected topics for local leaders.				
Benefits (Losses Avoided)	IC,PD,LF,EM				
Projected Cost	Low				
Potential Funding Sources	Internal Funds				
Projected Completion Date	12/31/2017				
Criterion for Completion	Risk Assessment Completed				
Action #	1.1.10				
Mitigation Action	Develop a Continuity of Operations Plan (COOP).				
Priority	High				
Lead Department or Agency	Office of Emergency Management				
Partners, if any	All stakeholders				
Plan for Implementation and Administration	Provide training on benefits of COOP plans for local agencies. Assign OEM Planner to work with local disaster stakeholders to develop individual continuity of operations plans.				
Benefits (Losses Avoided)	IC,PD,LF,EM				
Projected Cost	Low				
	Internal				
Potential Funding Sources					
Potential Funding Sources Projected Completion Date	2020				

Action #	1.1.11					
	Strategize and establish local source(s) of sustainable mitigation					
Mitigation Action	funding to be used by participating jurisdictions in the Boone County Hazard Mitigation Plan as direct project funding and/or as					
<b>D</b> · · · ·	local match for outside grants.					
Priority	High					
Lead Department or Agency	Office of Emergency Management					
Dente and if any	All participating jurisdictions in Boone County Hazard Mitigation					
Partners, if any	Plan; economic development groups; insurance companies and other business stakeholders; Mid-MO RPC					
	Meet with officials and stakeholder groups to: 1. Educate regarding					
	mitigation needs in Boone County, economic benefits of mitigation,					
Plan for Implementation and Administration	and challenges of funding. 2. Strategize possible avenues of					
	funding. 3. Develop method for funding applications.					
Benefits (Losses Avoided)	IC,PD,LF,EM					
Projected Cost	Low-Moderate					
Potential Funding Sources	Internal					
Projected Completion Date	2016					
Criterion for Completion	Local source(s) of sustainable funding for mitigation is					
Criterion for Completion	established.					
	·					
Action #	1.2.1					
Mitigation Action	Encourage underground utilities where feasible.					
Priority	High					
Lead Department or Agency	Resource Management Dept.					
Partners, if any						
Plan for Implementation and Administration	The County and developers work together to encourage underground utilities for new development.					
Panofita (Langes Avaided)	IC,PD,LF,EM					
Benefits (Losses Avoided)	IC,PD,LF,EM					
Projected Cost						
Potential Funding Sources	No funds necessary					
Projected Completion Date	Ongoing					
Criterion for Completion	Utilities are underground in new developments					
Action #	1.2.2					
	Review and formalize relationships with cooling and warming					
Mitigation Action	centers in each community.					
Priority	High					
Lead Department or Agency	Office of Emergency Management					
Partners, if any	All incorporated communities					
Plan for Implementation and Administration	Review listing of current warming/cooling centers and identify gaps within community. Work with stakeholders to fill gaps.					
Benefits (Losses Avoided)	IC,EM					
Projected Cost	Low					
Potential Funding Sources	Internal					
Projected Completion Date	12/31/2017					
Criterion for Completion	Agreements in place					

Mitigation Action	Establish agreements with cellular providers for "Cell on Wheels" units to be made available in case of telecommunications disruption.
Priority	High
Lead Department or Agency	Office of Emergency Management
Partners, if any	
Plan for Implementation and Administration	Work with vendors to establish agreements and request procedures to ensure quick deployment of cellular networks.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Low
Potential Funding Sources	Internal
Projected Completion Date	12/31/2016
Criterion for Completion	Agreements in place and request procedures established.
Action #	1.2.4
Mitigation Action	Work with owners of dams not regulated by the State who are willing to develop Emergency Action Plans (EAPs).
Priority	Low - Medium
Lead Department or Agency	Office of Emergency Management
Partners, if any	Dam and Reservoir Safety Program (MO DNR, Rolla)
Plan for Implementation and Administration	Use GIS to identify potential unregulated dams throughout the county. Contact landowners and provide an overview of the dam risks and benefits of EAP's. Assign Planner to work with dam owners to develop EAP concurrent with the hazard posed by the dam.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Low
Potential Funding Sources	Internal
Projected Completion Date	12/31/2020
Criterion for Completion	Dams identified, mapped, and plans established

Action #	2.1.1					
Mitigation Action	Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.					
Priority	High					
Lead Department or Agency	Resource Management Dept.					
Partners, if any						
Plan for Implementation and Administration	This is an ongoing activity within the Planning and Building Department.					
Benefits (Losses Avoided)	IC,PD,LF,EM					
Projected Cost	Minimal					
Potential Funding Sources	Internal Funds					
Projected Completion Date	Ongoing					
Criterion for Completion	Ordinances are enforced					
Hazards Addressed	FL					
	1					
Action #	2.2.1					
Mitigation Action	Review building codes every three years for possible update.					
Priority	High					
Lead Department or Agency	County Planning & Building Inspections					
Partners, if any	County Commission					
Plan for Implementation and Administration	The County is currently in the process of reviewing the most recent code.					
Benefits (Losses Avoided)	IC,PD,LF,EM					
Projected Cost	Minimal					
Potential Funding Sources	Internal Funds					
Projected Completion Date	Ongoing					
Criterion for Completion	Codes are reviewed and updated (if update is appropriate)					
Hazards Addressed	EQ, WW, T, WF					
Action #	3.1.1					
Mitigation Action	Secure high value equipment located outside county and municipal buildings (e.g. HVAC, generators, communication equipment).					
Priority	High					
Lead Department or Agency	Office of Emergency Management					
Partners, if any						
Plan for Implementation and Administration	Office of Emergency Management will make recommendations on this.					
Benefits (Losses Avoided)	IC,PD,LF,EM					
Projected Cost	Minimal					
Potential Funding Sources	Internal Funds					
Projected Completion Date	Ongoing					
Criterion for Completion	Equipment is secured					
Hazards Addressed	EQ, T					

Action #	3.1.3
Mitigation Action	Mitigate the effects of flooding on public infrastructure.
Priority	High
Lead Department or Agency	Depts. of Public Works and Planning
Partners, if any	County Commission
Plan for Implementation and Administration	Departments of Public Works and Planning will make recommendations on this.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Moderate to High
Potential Funding Sources	Internal Funds and Grants
Projected Completion Date	Ongoing
Criterion for Completion	Public infrastructure is protected
Hazards Addressed	FL
	l
Action #	3.2.1
Mitigation Action	Ensure evacuation plans are adequate for nursing homes and special needs populations.
Priority	High
Lead Department or Agency	Office of Emergency Management
Partners, if any	Red Cross
Plan for Implementation and Administration	This is part of the overall Emergency Operations Plan which covers the entire Planning Area.
Benefits (Losses Avoided)	IC, EM
Projected Cost	Minimal
Potential Funding Sources	Internal Funds
Projected Completion Date	Ongoing
Criterion for Completion	Evacuation plans are in place
Hazards Addressed	EQ, WW, T
Action #	3.2.6
Mitigation Action	Encourage shelters to have alternative heating sources.
Priority	Low
Lead Department or Agency	Office of Emergency Management
Partners, if any	Red Cross
Plan for Implementation and Administration	This is part of the overall Emergency Operations Plan which covers the entire Planning Area.
Benefits (Losses Avoided)	IC, EM
Projected Cost	Minimal
Potential Funding Sources	Internal Funds
Projected Completion Date	Ongoing
Criterion for Completion	Alternative heating is available
Hazards Addressed	EQ, T, WW

Action #	3.2.8
Mitigation Action	Develop strategy for preparedness planning and 72-hour provisions for most vulnerable populations; include strategies for food, water, hygiene, and medical supplies.
Priority	Medium-Low
Lead Department or Agency	Columbia/Boone County Dept. of Public Health and Human Services
Partners, if any	Office of Emergency Management; community-based organizations; faith-based organizations
Plan for Implementation and Administration	Survey for preparedness levels and obstacles to preparedness; analyze obstacles and develop strategy to overcome.
Benefits (Losses Avoided)	IC, EM
Projected Cost	Moderate
Potential Funding Sources	Grants; the Medical Reserve Corps (MRC) Capacity Building Grant is one potential funding source
Projected Completion Date	2020
Criterion for Completion	Strategy is in place.

Action #	3.2.10
Mitigation Action	Host Psychological First Aid courses in order to create a local Psychological First Aid capacity.
Priority	High
Lead Department or Agency	Office of Emergency Management
Partners, if any	All stakeholders
Plan for Implementation and Administration	Work with State Department of Health and Senior Services to deliver Psychological First Aid courses to local stakeholders and volunteers. Establish a trained cadre of community members to be utilized during disaster response.
Benefits (Losses Avoided)	IC, LF, EM
Projected Cost	Low
Potential Funding Sources	Internal
Projected Completion Date	12/31/2017
Criterion for Completion	Classes delivered
Action #	4.0.1
Mitigation Action	Continue to educate the public on all hazards.
Priority	High
Lead Department or Agency	Office of Emergency Management
Partners, if any	Local Media
Plan for Implementation and Administration	This is an ongoing activity of the Office of Emergency Management and is carried out through press releases and available literature.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Minimal
Potential Funding Sources	Program Funds
Projected Completion Date	Ongoing
Criterion for Completion	Natural hazard education for public occurs.
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Action #	4.0.2
Mitigation Action	Promote the purchase and use of NOAA radios.
Priority	High
Lead Department or Agency	Office of Emergency Management
Partners, if any	
Plan for Implementation and Administration	Develop marketing plan to promote use of NOAA radios. Secure outside funding to allow provision of radios to community members at risk.
Benefits (Losses Avoided)	IC, PD, LF, EM
Projected Cost	Low - Medium
Potential Funding Sources	Grants, Internal
Projected Completion Date	Ongoing
Criterion for Completion	Ongoing

Action #	4.0.3
Mitigation Action	Promote Ready-in-3 materials in-house at the Columbia/Boone County Dept. of Public Health and Human Services and at public events.
Priority	Medium
Lead Department or Agency	Columbia/Boone County Dept. of Public Health and Human Services
Partners, if any	OEM, community-based organizations, MO DHSS
Plan for Implementation and Administration	Ensure material is available and on display at the Columbia/Boone County Dept. of Public Health and Human Services. Identify community events for distribution; explore Medical Reserve Corps potential role in distribution; make plan for distribution and distribute at events.
Benefits (Losses Avoided)	IC, EM
Projected Cost	Low
Potential Funding Sources	In budget
Projected Completion Date	Ongoing
Criterion for Completion	Materials are available, on display, and being distributed.

The mitigation actions will be reviewed annually as part of the budget and priority setting process. During the EOP review, the additional hazards identified in the mitigation plan will be reviewed to ensure they are dealt with in the EOP.

With regards to permitting and codes/regulations: Prior to issuing any permit it is reviewed to determine proximity to designated flood areas. Critical sites are rejected and permits are not issued until an acceptable site is approved. Codes and regulations are annually scrutinized for currency and compliance with regulatory directions. Permitting staff receive periodic training on site location requirements and are trained to recognize potential conflicts during intake of permits.

### ASHLAND

Action #	1.1.10
Mitigation Action	Develop a Continuity of Operations Plan (COOP).
Priority	High
Lead Department or Agency	City Hall
Partners, if any	RPC
Plan for Implementation and Administration	Internal, ongoing, meet with departments
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	LOW
Potential Funding Sources	N/A
Projected Completion Date	12/31/2015
Criterion for Completion	Plan to be adopted by Board of Aldermen
Action #	1.2.1
Mitigation Action	Encourage underground utilities where feasible.
Priority	High
Lead	Utilities
Partners	Local Government
Plan for Implementation and Administration	Encourage through development approval
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Minimal
Potential Funding Sources	No Funds Necessary
Projected Completion Date	Ongoing
Criterion for Completion	Utilities are underground in new developments
Hazards Addressed	WW, T, WF
Action #	2.1.1
Mitigation Action	Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.
Priority	High
Lead	Code Official
Partners	Boone County
Plan for Implementation and Administration	This is an ongoing activity
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Minimal
Potential Funding Sources	Internal Funds
Projected Completion Date	Ongoing
	Ordinances are enforced

Action #	3.2.5
Mitigation Action	Build tornado safe room(s) or harden part(s) of existing structure(s) to FEMA 361 standards.
Priority	Medium
Lead	Board of Aldermen
Partners	School/Community Groups
Plan for Implementation and Administration	Work with other organizations to create a site for the community
Benefits (Losses Avoided)	IC,EM
Projected Cost	\$1.5 million
Potential Funding Sources	FEMA Pre-disaster Mitigation Grant Program, Local Match
Projected Completion Date	Ongoing
Criterion for Completion	Safe room is built.

The Hazard Mitigation Plan will be reviewed annually when the Board of Aldermen sets priorities through the budgetary process; it will be reviewed during discussion of the 3-5 year Capital Improvement Program; it will be reviewed annually along with the Comprehensive Plan.

## CENTRALIA

Action #	1.1.3
Mitigation Action	Continue monthly testing of outdoor warning sirens in compliance with procedures set by the Office of Emergency Management.
Priority	High
Lead Department or Agency	Centralia PD and Centralia Electric Department
Partners, if any	Boone County Joint Dispatch
Plan for Implementation and Administration	Ongoing
Benefits (Losses Avoided)	IC,EM
Projected Cost	No additional cost
Potential Funding Sources	na
Projected Completion Date	Ongoing
Criterion for Completion	Sirens are being tested monthly
Action #	1.1.10
Mitigation Action	Develop a Continuity of Operations Plan (COOP).
Priority	High
Lead Department or Agency	City Administrator
Partners, if any	All departments
Plan for Implementation and Administration	This is currently in development.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Low
Potential Funding Sources	City funds
Projected Completion Date	4/1/2017
Criterion for Completion	Plan is written and approved by the Board of Aldermen
Action #	1.2.1
Mitigation Action	Encourage underground utilities where feasible.
Priority	Medium to High
Lead	City Administrator
Partners	
Plan for Implementation and Administration	This is being done and will continue.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Minimal
Potential Funding Sources	Electric Fund
Projected Completion Date	Ongoing

Action #	2.1.1
Mitigation Action	Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.
Priority	High
Lead	City Administrator
Partners	-
Plan for Implementation and Administration	This is an ongoing process when issuing building permits and reviewing subdivision plans.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Minimal
Potential Funding Sources	Internal Funds
Projected Completion Date	Ongoing
Criterion for Completion	Ordinances are enforced
Action #	2.1.3
Mitigation Action	Develop policy and enforcement regulations concerning burning permits.
Priority	Low
Lead	City Administrator
Partners	Volunteer Fire Department
Plan for Implementation and Administration	Regulations are in place concerning when and how burning can take place.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Minimal
Potential Funding Sources	Internal Funds
Projected Completion Date	Ongoing
Criterion for Completion	Policy is in place and enforced

In Centralia, recognition of the flood plain hazard is part of the comprehensive plan and current subdivision regulations. Studies have been performed for expansion of and improvements to the electric and water supply utilities. The recommendations of these studies are being incorporated into drafts of an updated comprehensive plan and capital improvement plans and budgets.

## COLUMBIA

Action #	1.1.1
Mitigation Action	Continue to supply updated GIS base map information to support changing/updating the D-FIRM maps using local, accurate data.
Priority	High
Lead Department or Agency	Public Works Department
Partners, if any	County Commission GIS Departments
Plan for Implementation and Administration	Public Works staff will provide flood plain modeling info and Letter of Map Review (LOMR) applications to SEMA as they come available.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Minimal
Potential Funding Sources	Internal Funds
Projected Completion Date	Ongoing
Criterion for Completion	GIS information supplied
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Action #	1.1.2
Mitigation Action	Continue to participate as a partner in FEMA's RISKMap process.
Priority	High
Lead Department or Agency	Public Works Department
Partners, if any	County Commission GIS Departments
Plan for Implementation and Administration	Attend meetings and contribute as possible.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Minimal
Potential Funding Sources	Internal Funds
Projected Completion Date	Ongoing
Criterion for Completion	Ongoing
Action #	1.1.10
Mitigation Action	Develop a Continuity of Operations Plan (COOP).
Priority	High
Lead Department or Agency	Committee; City Manager's Office; Enterprise Departments
Partners, if any	
Plan for Implementation and Administration	Business continuity plans have been developed at the departmental level in 12 of 19 departments; these are considered the "mission critical" departments; some of the plans have not been tested yet.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Minimal
Potential Funding Sources	Internal Funds
Projected Completion Date	Ongoing
Criterion for Completion	Committee adoption with regular updates

Action #	1.2.2
Mitigation Action	Review and formalize relationships with cooling and warming centers in each community.
Priority	High
Lead Department or Agency	Columbia/Boone County Department of Health & Human Services
Partners, if any	Local non-profits and service organizations
Plan for Implementation and Administration	Ongoing
Benefits (Losses Avoided)	IC,EM
Projected Cost	Minimal
Potential Funding Sources	Internal; Grants
Projected Completion Date	Ongoing
Criterion for Completion	Ongoing with feedback and adjustments as needed
Action #	2.1.1
Mitigation Action	Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.
Priority	High
Lead Department or Agency	Public Works Department
Partners, if any	
Plan for Implementation and Administration	Public Works staff reviews all development plans to ensure ordinances are followed.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Minimal
Potential Funding Sources	Internal Funds
Projected Completion Date	Ongoing
Criterion for Completion	Ordinances are enforced
Action #	2.1.2
Mitigation Action	Add sinkhole regulations to stream buffer/storm water ordinance.
Priority	Medium
Lead Department or Agency	Public Works Department
Partners, if any	- <b>F</b>
Plan for Implementation and Administration	Staff will draft sinkhole regulations for City Council consideration.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Minimal
Potential Funding Sources	Internal Funds
Projected Completion Date	2020
Criterion for Completion	Regulations are added

Action #	2.2.1
Mitigation Action	Review building codes every two years for possible update.
Priority	High
Lead Department or Agency	Public Works Department
Partners, if any	
Plan for Implementation and Administration	Staff will review codes along with Building Code Commission and adopt current regulations as directed.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Minimal
Potential Funding Sources	Internal Funds
Projected Completion Date	Ongoing
Criterion for Completion	Codes are reviewed and updated (if update is appropriate)
Action #	2.2.2
Mitigation Action	Develop regulations for roads on dams.
Priority	High
Lead Department or Agency	Public Works Department
Partners, if any	
Plan for Implementation and Administration	Staff will develop ordinance for City Council consideration that addresses the placement of public roadways on non-regulated dams.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Minimal
Potential Funding Sources	Internal Funds
Projected Completion Date	2015
Criterion for Completion	Regulations are adopted
Hazards Addressed	DF
Action #	3.1.1
Mitigation Action	Secure high value equipment located outside county and municipal buildings (e.g. HVAC, generators, communication equipment).
Priority	High
Lead Department or Agency	Public Works
Partners, if any	
Plan for Implementation and Administration	Facilities Planning as new facilities are built
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Minimal
Potential Funding Sources	Part of project costs; Enterprise funds; Bonds
Projected Completion Date	Ongoing
Criterion for Completion	Ongoing

Action #	3.1.3
Mitigation Action	Mitigate the effects of flooding, extreme heat, utility service outage and severe storms on public infrastructure.
Priority	High
Lead Department or Agency	Depts. of Public Works and Planning
Partners, if any	City Council
Plan for Implementation and Administration	Departments of Public Works and Planning will make recommendations on this.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Moderate to High
Potential Funding Sources	Internal Funds and Grants
Projected Completion Date	Ongoing
Criterion for Completion	Public infrastructure is protected
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Action #	3.2.8
Mitigation Action	Develop strategy for preparedness planning and 72-hour provisions for most vulnerable populations; include strategies for food, water, hygiene, and medical supplies
Priority	Medium-Low
Lead Department or Agency	Columbia/Boone County Dept. of Public Health and Human Services
Partners, if any	Office of Emergency Management; community-based organizations; faith-based organizations
Plan for Implementation and Administration	Survey for preparedness levels and obstacles to preparedness; analyze obstacles and develop strategy to overcome.
Benefits (Losses Avoided)	IC, EM
Projected Cost	Moderate
Potential Funding Sources	Grants; the Medical Reserve Corps (MRC) Capacity Building Grant is one potential funding source
Projected Completion Date	2020
Criterion for Completion	Strategy is in place.
Action #	3.2.11
Mitigation Action	Continue to comply with requirements of FAA 139 and TSA 1542 at Columbia Regional Airport.
Priority	High
Lead Department or Agency	Columbia Regional Airport
Partners, if any	
Plan for Implementation and Administration	This is part of the normal operating procedures of the airport.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Minimal - normal operating expenses
Potential Funding Sources	na
Projected Completion Date	Ongoing action
Criterion for Completion	All activities are in compliance with requirements.

Action #	4.0.3
Mitigation Action	Promote Ready-in-3 materials in-house at the Columbia/Boone County Dept. of Public Health and Human Services and at public events.
Priority	Medium
Lead Department or Agency	Columbia/Boone County Dept. of Public Health and Human Services
Partners, if any	OEM, community-based organizations, MO DHSS
Plan for Implementation and Administration	Ensure material is available and on display at the Columbia/Boone County Dept. of Public Health and Human Services. Identify community events for distribution; explore Medical Reserve Corps potential role in distribution; make plan for distribution and distribute at events.
Benefits (Losses Avoided)	IC, EM
Projected Cost	Low
Potential Funding Sources	In budget
Projected Completion Date	Ongoing
Criterion for Completion	Materials are available, on display, and being distributed.
Action #	5.0.1
Mitigation Action	Target Repetitive Loss Properties for flood buyout.
Priority	High
Lead Department or Agency	Public Works Department
Partners, if any	
Plan for Implementation and Administration	Columbia Storm Water Utility will evaluate properties that are repeatedly flooded and make decision whether to buy out or improve drainage systems.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Minimal
Potential Funding Sources	Program Funds
Projected Completion Date	Ongoing
Criterion for Completion	Properties are targeted.
Action #	5.0.2
Action # Mitigation Action	Identify and address areas where overland overflow for flood water is limited and implement projects to provide overflow.
Priority	Medium
Lead Department or Agency	Stormwater Utility
Partners, if any	Community Development, Office of Sustainability
Plan for Implementation and Administration	Columbia Storm Water Utility will search for areas where lack of overland flow paths for floods which exceed storm system design standards exacerbates flood risks.
Benefits (Losses Avoided)	IC, PD. LF, EM
Projected Cost	Moderate-High
Potential Funding Sources	Program Funds
Projected Completion Date	Ongoing

The mitigation actions will be implemented by each department as part of the city's annual Capital Improvement Project (CIP) budgeting process and included in long term planning processes, Comprehensive Planning; Climate Action and Adaptation Planning; Integrated Management Plans for Wastewater and Stormwater; Integrated Electric Resource and Management Plan; and the City's Strategic Plan.

#### HALLSVILLE

Action #	1.1.10
Mitigation Action	Develop a Continuity of Operations Plan (COOP).
Priority	High
Lead Department or Agency	Board of Aldermen
Partners, if any	Mid-MO RPC
Plan for Implementation and Administration	This is will be discussed at a Board of Aldermen meeting; if the BOA approves development of a plan, a work session of the BOA will be held along with the appropriate commissions to determine the process for developing the COOP.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Minimal
Potential Funding Sources	Internal Funds
Projected Completion Date	Ongoing
Criterion for Completion	COOP is in place

## **Integration into Other Planning Mechanisms**

Mitigation actions in the plan will be integrated into the City's work program by forming a work session of the Board of Aldermen and relevant commissions; plans for proceeding with the actions will be developed at the work session. (Enforcement of NFIP floodplain regulations is already in the work program.)

### HARRISBURG

Action #	1.1.10
Mitigation Action	Develop a Continuity of Operations Plan (COOP).
Priority	High
Lead Department or Agency	City Clerk and Board of Trustees
Partners, if any	Boone County Emergency Management
Plan for Implementation and Administration	The city clerk and the trustees will coordinate the salvage of city records, recovery of accounts payable and receivable, and restoration of sewer and water. OEM will coordinate any emergency response actions.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Cost to develop the COOP is LOW. Cost to implement actual continuity would be Med/High and is currently unknown and will be determined by the event itself.
Potential Funding Sources	General Fund, Grants and Loans
Projected Completion Date	2017
Criterion for Completion	The original document can show completion but annual maintenance is required to a COOP so it will be ongoing.
Action #	1.2.1
Mitigation Action	Encourage underground utilities where feasible.
Priority	High
Lead Department or Agency	Board of Trustees/City Clerk
Partners, if any	
Plan for Implementation and Administration	Pursue possibility of ordinance requiring underground utilities in new development.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Minimal
Potential Funding Sources	City Budget
Projected Completion Date	2017
Criterion for Completion	Utilities are underground in new developments
Hazards Addressed	WW, T, WF, UTIL
Action #	2.1.1
Mitigation Action	Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.
Priority	High
Lead Department or Agency	City Clerk
Partners, if any	MO SEMA
Plan for Implementation and Administration	
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Minimal
Potential Funding Sources	City Budget
Projected Completion Date	Ongoing
Criterion for Completion	Floodplain management ordinance is enforced.

Action #	3.2.5
	Build tornado safe room(s) or harden part(s) of existing structure(s)
Mitigation Action	to FEMA 361 standards.
Priority	High
Lead Department or Agency	Board of Trustees/City Clerk
Partners, if any	
Plan for Implementation and Administration	Discuss at Strategic Planning Meeting
Benefits (Losses Avoided)	IC,EM
Projected Cost	Significant
Potential Funding Sources	FEMA Pre-disaster Mitigation Grant Program, Local Match
Projected Completion Date	2017
Criterion for Completion	Safe room is built.

The Village of Harrisburg is undergoing a Strategic Planning process and will be including discussion of the mitigation actions from this plan in that process.

#### HARTSBURG

Action #	2.1.1
Mitigation Action	Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.
Priority	High
Lead	City Council
Partners	Boone County
Plan for Implementation and Administration	Be available to town residents when building or remodeling; permits are issued through the County.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Minimal
Potential Funding Sources	Internal Funds
Projected Completion Date	Ongoing
Criterion for Completion	Ordinances are enforced

# **Integration into Other Planning Mechanisms**

Hartsburg is required to place FEMA/SEMA laws and regulations onto our books so we comply with their requirements. We have and will continue to put any relevant plans into our code and regulations and would enforce them as we do all others.

#### HUNTSDALE

Action #	1.2.1
Mitigation Action	Encourage underground utilities where feasible.
Priority	High
Lead	Board of Aldermen
Partners	Boone Electric Coop
Plan for Implementation and Administration	If the opportunity arises, the city would like to work with Boone Electric COOP to put utilities underground.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	High
Potential Funding Sources	FEMA mitigation grants (HMGP)
Projected Completion Date	Ongoing
Criterion for Completion	Utilities are underground.
Hazards Addressed	WW, T, WF
Action #	2.1.1
Mitigation Action	Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.
Priority	High
Lead Department or Agency	Floodplain Manager
Partners, if any	SEMA
Plan for Implementation and Administration	Review any proposed development to ensure compliance with the floodplain ordinance.
Plan for Implementation and Administration Benefits (Losses Avoided)	
	floodplain ordinance.
Benefits (Losses Avoided)	floodplain ordinance. IC,PD,LF,EM
Benefits (Losses Avoided) Projected Cost	floodplain ordinance. IC,PD,LF,EM Minimal

### **Integration into Other Planning Mechanisms**

The Town Council is kept well informed of any activities involving the city; implementing the hazard mitigation actions will be included in the discussion of village concerns.

#### ROCHEPORT

Action #	1.2.1
Mitigation Action	Encourage underground utilities where feasible.
Priority	Medium
Lead Department or Agency	Mayor
Partners, if any	Aldermen
Plan for Implementation and Administration	This is something the city has talked about and would be interested in pursuing if some additional sources of funding could be found. Undergrounding has been discussed with the electric provider (Boone Electric Coop).
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	High
Potential Funding Sources	Grants, internal funds
Projected Completion Date	Ongoing
Criterion for Completion	Ongoing
Action #	2.1.1
Mitigation Action	Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.
Priority	High
Plan for Implementation and Administration	Enforcement is an ongoing process
Lead Department or Agency	Mayor and City Aldermen
Partners, if any	Planning and Zoning Commission
Potential Funding Sources	Internal Funds
Projected Cost	Minimal
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Completion Date	Ongoing
Criterion for Completion	Ordinances are enforced
Action #	5.0.3
Mitigation Action	Acquire properties susceptible to flood damage when buyout grants are available.
Priority	Medium to Low
Lead Department or Agency	City Aldermen
Partners, if any	Planning and Zoning Commission
Plan for Implementation and Administration	This will be done if, and when, grant money becomes available.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Minimal
Potential Funding Sources	FEMA Grant Funds
Projected Completion Date	Ongoing
Criterion for Completion	Properties are acquired.
Hazards Addressed	FL

# **Integration into Other Planning Mechanisms**

The City annually reviews its capital improvement program and future planning needs; hazard mitigation actions will be reviewed during this process.

### STURGEON

Mitigation Action         Encourage the local water district to have adequate fire flow.           Priority         Medium           Lead Department or Agency         Mayor           Partners, if any         Board of Aldermen           Plan for Implementation and Administration         Water District #10 has passed a \$2.5 Million bond issue and will be putting in bigger lines; talk with the water district to ensure that fire flow is considered in decisions re: location of line upgrades.           Benefits (Losses Avoided)         IC,PD,LF,EM           Projected Cost         None           Potential Funding Sources         No funds necessary           Projected Completion Date         Ongoing           Criterion for Completion         Water district has adequate fire flow           Action #         1.1.10           Mitigation Action         Develop a Continuity of Operations Plan (COOP).           Priority         High           Lead Department or Agency         Mayor           Partners, if any         City Staff           Plan for Implementation and Administration         This is in progress; most city documents are now backed up on the Cloud; City will continue to put other parts of a COOP in place.           Benefits (Losses Avoided)         IC,PD,LF,EM           Projected Cost         Minimal           Potential Funding Sources         City budget </th <th>Action #</th> <th>1.1.5</th>	Action #	1.1.5
Lead Department or Agency         Mayor           Partners, if any         Board of Aldermen           Plan for Implementation and Administration         Water District #10 has passed a \$2.5 Million bond issue and will be putting in bigger lines; talk with the water district to ensure that fire flow is considered in decisions re: location of line upgrades.           Benefits (Losses Avoided)         IC,PD,LF,EM           Projected Cost         None           Potential Funding Sources         No funds necessary           Projected Completion Date         Ongoing           Criterion for Completion         Water district has adequate fire flow           Action #         1.1.10           Mitigation Action         Develop a Continuity of Operations Plan (COOP).           Printly         High           Lead Department or Agency         Mayor           Partners, if any         City Staff           Plan for Implementation and Administration         This is in progress; most city documents are now backed up on the Cloud; City will continue to put other parts of a COOP in place.           Benefits (Losses Avoided)         IC,PD,LF,EM           Projected Cost         Minimal           Potential Funding Sources         City budget           Projected Completion Date         2016           Criterion for Completion         All areas of Continuity of Operations have been addre	Mitigation Action	Encourage the local water district to have adequate fire flow.
Partners, if any     Board of Aldermen       Plan for Implementation and Administration     Water District #10 has passed a \$2.5 Million bond issue and will be putting in bigger lines; talk with the water district to ensure that fire flow is considered in decisions re: location of line upgrades.       Benefits (Losses Avoided)     IC,PD,LF,EM       Projected Cost     None       Potential Funding Sources     No funds necessary       Projected Completion Date     Ongoing       Criterion for Completion     Water district has adequate fire flow       Action #     1.1.10       Mitigation Action     Develop a Continuity of Operations Plan (COOP).       Priority     High       Lead Department or Agency     Mayor       Partners, if any     City Staff       Projected Cost     Minimal       Potential Funding Sources     City Will continue to put other parts of a COOP in place.       Benefits (Losses Avoided)     IC,PD,LF,EM       Projected Cost     Minimal       Potential Funding Sources     City budget       Projected Cost     Minimal       Potential Funding Sources     City budget       Projected Completion Date     2016       Criterion for Completion     All arcas of Continuity of Operations have been addressed by the City.       Action #     1.2.1       Mitigation Action     Encourage underground utilities where feasible.<	Priority	Medium
Water District #10 has passed a \$2.5 Million bond issue and will be putting in bigger lines; talk with the water district to ensure that fire flow is considered in decisions re: location of line upgrades.           Benefits (Losses Avoided)         IC.PD.LF.EM           Projected Cost         None           Potential Funding Sources         No funds necessary           Projected Completion Date         Ongoing           Criterion for Completion         Water district has adequate fire flow           Action #         1.1.10           Mitigation Action         Develop a Continuity of Operations Plan (COOP).           Priority         High           Lead Department or Agency         Mayor           Partners, if any         City Staff           Projected Cost         Minimal           Potential Funding Sources         City Staff           Projected Cost         Minimal           Potential Funding Sources         City Staff           Projected Cost         Minimal           Potential Funding Sources         City budget           Projected Completion Date         2016           Criterion for Completion         All areas of Continuity of Operations have been addressed by the City.           Action #         1.2.1           Mitigation Action         Encourage underground utilities where feasible. <td>Lead Department or Agency</td> <td>Mayor</td>	Lead Department or Agency	Mayor
Plan for Implementation and Administration       putting in bigger lines; talk with the water district to ensure that fire flow is considered in decisions re: location of line upgrades.         Benefits (Losses Avoided)       IC,PD,LF,EM         Projected Cost       None         Potential Funding Sources       No funds necessary         Projected Completion Date       Ongoing         Criterion for Completion       Water district has adequate fire flow         Action #         Action #         Mathematication added the adequate for flow         Vertice adequate for flow         Action #         No funds         Mathematication added the adequate for flow         Vertice adequate for flow         Action #         No funds         Priority         High         Lead Department or Agency         Mayor         Partners, if any         Priority City Staff         Priorite Cost         Minimal         Potential Funding Sources         City budget         Priorite Cost         Action # <td>Partners, if any</td> <td>Board of Aldermen</td>	Partners, if any	Board of Aldermen
Projected Cost         None           Potential Funding Sources         No funds necessary           Projected Completion Date         Ongoing           Criterion for Completion         Water district has adequate fire flow           Action #         1.1.10           Mitigation Action         Develop a Continuity of Operations Plan (COOP).           Priority         High           Lead Department or Agency         Mayor           Partners, if any         City Staff           Plan for Implementation and Administration         This is in progress; most city documents are now backed up on the Cloud; City will continue to put other parts of a COOP in place.           Benefits (Losses Avoided)         IC,PD,LF,EM           Projected Cost         Minimal           Potential Funding Sources         City budget           Projected Completion Date         2016           Criterion for Completion         All areas of Continuity of Operations have been addressed by the City.           Action #         1.2.1           Mitigation Action         Encourage underground utilities where feasible.           Priority         High           Lead Department or Agency         Mayor/Board of Aldermen           Partners, if any         AmerenUE           Plan for Implementation and Administration         AmerenUE	Plan for Implementation and Administration	putting in bigger lines; talk with the water district to ensure that fire
Potential Funding Sources         No funds necessary           Projected Completion Date         Ongoing           Criterion for Completion         Water district has adequate fire flow           Action #         1.1.10           Mitigation Action         Develop a Continuity of Operations Plan (COOP).           Priority         High           Lead Department or Agency         Mayor           Partners, if any         City Staff           Plan for Implementation and Administration         This is in progress; most city documents are now backed up on the Cloud; City will continue to put other parts of a COOP in place.           Benefits (Losses Avoided)         IC,PD,LF,EM           Projected Cost         Minimal           Potential Funding Sources         City budget           Projected Completion Date         2016           Criterion for Completion         All areas of Continuity of Operations have been addressed by the City.           Action #         1.2.1           Mitigation Action         Encourage underground utilities where feasible.           Priority         High           Lead Department or Agency         Mayor/Board of Aldermen           Partners, if any         AmerenUE           Plan for Implementation and Administration         AmerenUE           Projected Cost         Minimal <td>Benefits (Losses Avoided)</td> <td>IC,PD,LF,EM</td>	Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Completion Date         Ongoing           Criterion for Completion         Water district has adequate fire flow           Action #         1.1.10           Mitigation Action         Develop a Continuity of Operations Plan (COOP).           Priority         High           Lead Department or Agency         Mayor           Partners, if any         City Staff           Plan for Implementation and Administration         This is in progress; most city documents are now backed up on the Cloud; City will continue to put other parts of a COOP in place.           Benefits (Losses Avoided)         IC.PD.LF.EM           Projected Cost         Minimal           Potential Funding Sources         City budget           Projected Completion Date         2016           Criterion for Completion         All areas of Continuity of Operations have been addressed by the City.           Action #         1.2.1           Mitigation Action         Encourage underground utilities where feasible.           Priority         High           Lead Department or Agency         Mayor/Board of Aldermen           Partners, if any         AmerenUE           Plan for Implementation and Administration         Ameren UE will be encouraged to go underground when possible.           Benefits (Losses Avoided)         IC.PD.LF.EM	Projected Cost	None
Criterion for Completion       Water district has adequate fire flow         Action #       1.1.10         Mitigation Action       Develop a Continuity of Operations Plan (COOP).         Priority       High         Lead Department or Agency       Mayor         Partners, if any       City Staff         Plan for Implementation and Administration       This is in progress; most city documents are now backed up on the Cloud; City will continue to put other parts of a COOP in place.         Benefits (Losses Avoided)       IC,PD,LF,EM         Projected Cost       Minimal         Potential Funding Sources       City budget         Projected Completion Date       2016         Criterion for Completion       All areas of Continuity of Operations have been addressed by the City.         Action #       1.2.1         Mitigation Action       Encourage underground utilities where feasible.         Priority       High         Lead Department or Agency       Mayor/Board of Aldermen         Partners, if any       AmerenUE         Plan for Implementation and Administration       AmerenUE         Plan for Implementation and Administration       AmerenUE         Plan for Implementation and Administration       Ameren UE will be encouraged to go underground when possible.         Benefits (Losses Avoided)	Potential Funding Sources	No funds necessary
Action #       1.1.10         Mitigation Action       Develop a Continuity of Operations Plan (COOP).         Priority       High         Lead Department or Agency       Mayor         Partners, if any       City Staff         Plan for Implementation and Administration       This is in progress; most city documents are now backed up on the Cloud; City will continue to put other parts of a COOP in place.         Benefits (Losses Avoided)       IC,PD,LF,EM         Projected Cost       Minimal         Potential Funding Sources       City budget         Projected Completion Date       2016         Criterion for Completion       All areas of Continuity of Operations have been addressed by the City.         Action #       1.2.1         Mitigation Action       Encourage underground utilities where feasible.         Priority       High         Lead Department or Agency       Mayor/Board of Aldermen         Patners, if any       AmerenUE         Plan for Implementation and Administration       Ameren UE will be encouraged to go underground when possible.         Benefits (Losses Avoided)       IC,PD,LF,EM         Projected Cost       Minimal         Potential Funding Sources       No Funds Necessary         Projected Cost       Minimal	Projected Completion Date	Ongoing
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Mitigation ActionDevelop a Continuity of Operations Plan (COOP).PriorityHighLead Department or AgencyMayorPartners, if anyCity StaffPlan for Implementation and AdministrationThis is in progress; most city documents are now backed up on the Cloud; City will continue to put other parts of a COOP in place.Benefits (Losses Avoided)IC,PD,LF,EMProjected CostMinimalPotential Funding SourcesCity budgetProjected Completion Date2016Criterion for CompletionAll areas of Continuity of Operations have been addressed by the City.Action #1.2.1Mitigation ActionEncourage underground utilities where feasible.PriorityHighLead Department or AgencyMayor/Board of AldermenPartners, if anyAmerenUEPlan for Implementation and AdministrationAmerenUEPlan for Implementation and AdministrationAmerenUEPlan for Implementation and AdministrationAmerenUEProjected CostMinimalProjected Completion DateOngoing		
Priority       High         Lead Department or Agency       Mayor         Partners, if any       City Staff         Plan for Implementation and Administration       This is in progress; most city documents are now backed up on the Cloud; City will continue to put other parts of a COOP in place.         Benefits (Losses Avoided)       IC,PD,LF,EM         Projected Cost       Minimal         Potential Funding Sources       City budget         Projected Completion Date       2016         Criterion for Completion       All areas of Continuity of Operations have been addressed by the City.         Action #       1.2.1         Mitigation Action       Encourage underground utilities where feasible.         Priority       High         Lead Department or Agency       Mayor/Board of Aldermen         Partners, if any       AmerenUE         Plan for Implementation and Administration       Ameren UE will be encouraged to go underground when possible.         Benefits (Losses Avoided)       IC,PD,LF,EM         Projected Cost       Minimal         Projected C	Action #	1.1.10
Lead Department or Agency       Mayor         Partners, if any       City Staff         Plan for Implementation and Administration       This is in progress; most city documents are now backed up on the Cloud; City will continue to put other parts of a COOP in place.         Benefits (Losses Avoided)       IC,PD,LF,EM         Projected Cost       Minimal         Potential Funding Sources       City budget         Projected Completion Date       2016         Criterion for Completion       All areas of Continuity of Operations have been addressed by the City.         Action #       1.2.1         Mitigation Action       Encourage underground utilities where feasible.         Priority       High         Lead Department or Agency       Mayor/Board of Aldermen         Partners, if any       AmerenUE         Plan for Implementation and Administration       Ameren UE will be encouraged to go underground when possible.         Benefits (Losses Avoided)       IC,PD,LF,EM         Projected Cost       Minimal         Potential Funding Sources       No Funds Necessary         Projected Cost       Minimal	Mitigation Action	Develop a Continuity of Operations Plan (COOP).
Partners, if any       City Staff         Plan for Implementation and Administration       This is in progress; most city documents are now backed up on the Cloud; City will continue to put other parts of a COOP in place.         Benefits (Losses Avoided)       IC,PD,LF,EM         Projected Cost       Minimal         Potential Funding Sources       City budget         Projected Completion Date       2016         Criterion for Completion       All areas of Continuity of Operations have been addressed by the City.         Action #       1.2.1         Mitigation Action       Encourage underground utilities where feasible.         Priority       High         Lead Department or Agency       Mayor/Board of Aldermen         Partners, if any       AmerenUE         Plan for Implementation and Administration       Ameren UE will be encouraged to go underground when possible.         Benefits (Losses Avoided)       IC,PD,LF,EM         Projected Cost       Minimal         Projected Cost       Minimal         Projected Cost       Minimal	Priority	High
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Projected Cost       Minimal         Potential Funding Sources       City budget         Projected Completion Date       2016         Criterion for Completion       All areas of Continuity of Operations have been addressed by the City.         Action #       1.2.1         Mitigation Action       Encourage underground utilities where feasible.         Priority       High         Lead Department or Agency       Mayor/Board of Aldermen         Partners, if any       AmerenUE         Plan for Implementation and Administration       Ameren UE will be encouraged to go underground when possible.         Benefits (Losses Avoided)       IC,PD,LF,EM         Projected Cost       Minimal         Potential Funding Sources       No Funds Necessary         Projected Completion Date       Ongoing	Plan for Implementation and Administration	
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Criterion for CompletionAll areas of Continuity of Operations have been addressed by the City.Action #1.2.1Mitigation ActionEncourage underground utilities where feasible.PriorityHighLead Department or AgencyMayor/Board of AldermenPartners, if anyAmerenUEPlan for Implementation and AdministrationAmeren UE will be encouraged to go underground when possible.Benefits (Losses Avoided)IC,PD,LF,EMProjected CostMinimalPotential Funding SourcesNo Funds NecessaryProjected Completion DateOngoing	Potential Funding Sources	City budget
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Benefits (Losses Avoided)     IC,PD,LF,EM       Projected Cost     Minimal       Potential Funding Sources     No Funds Necessary       Projected Completion Date     Ongoing	-	
Projected Cost     Minimal       Potential Funding Sources     No Funds Necessary       Projected Completion Date     Ongoing	-	
Potential Funding Sources     No Funds Necessary       Projected Completion Date     Ongoing		
Projected Completion Date Ongoing		
	Criterion for Completion	All utilities are underground.

Action #	2.1.1
Mitigation Action	Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.
Priority	High
Lead Department or Agency	Mayor/Board of Aldermen
Partners, if any	
Plan for Implementation and Administration	Will continue the floodplain program the city has in place.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Minimal
Potential Funding Sources	Internal Funds
Projected Completion Date	Ongoing
Criterion for Completion	Ordinances are enforced
Action #	3.1.2
Mitigation Action	Replace 2, 3, and 4 inch water lines with 6 inch lines to ensure adequate supply for fire flow.
Priority	Medium
Lead Department or Agency	Mayor/Board of Aldermen
Partners, if any	WD #10
Plan for Implementation and Administration	Plan to have additional meetings with WD #10 to insure we have adequate water. Working with Mid-MO RPC on water grants.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	High
Potential Funding Sources	Federal grants/local match
Projected Completion Date	Unknown due to high cost and financing issues
Criterion for Completion	Water lines replaced
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Action #	3.2.5
Mitigation Action	Build tornado safe room(s) or harden part(s) of existing structure(s) to FEMA 361 standards.
Priority	High
Lead Department or Agency	Public Safety Committee
Partners, if any	Mayor/Board of Aldermen
Plan for Implementation and Administration	Being discussed with Mid-MO RPC.
Benefits (Losses Avoided)	IC,EM
Projected Cost	High
Potential Funding Sources	FEMA Pre-disaster Mitigation Grant Program, Local Match
Projected Completion Date	Unknown due to high cost and financing issues
Criterion for Completion	Safe room is built.

Sturgeon keeps a priority list of things being worked on along with names of people responsible for the work and expected completion dates; the hazard mitigation actions will be added to this list as priority dictates.

## CENTRALIA R-VI SCHOOL DISTRICT

Action #	1.1.10
Mitigation Action	Develop a Continuity of Operations Plan (COOP).
Priority	High
Lead Department or Agency	Safety Committee
Partners, if any	Administration, School Board
Plan for Implementation and Administration	The Safety Committee will determine a procedure for developing the COOP and oversee its completion.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Low
Potential Funding Sources	Internal funds
Projected Completion Date	2016
Criterion for Completion	A Continuity of Operations Plan is in place.
Action #	3.2.2
Mitigation Action	Continue to meet Revised Statutes of Missouri concerning earthquake emergency system and earthquake safety in schools.
Priority	High
Lead Department or Agency	Safety Coordinator
Partners, if any	Centralia Police Department
Plan for Implementation and Administration	Continue to instruct and train the students and staff of Centralia R-6
Benefits (Losses Avoided)	IC,EM
Projected Cost	None
Potential Funding Sources	NA
Projected Completion Date	Ongoing
Criterion for Completion	Actions outlined in RSMO are carried out
Action #	3.2.3
Mitigation Action	Evaluate and maintain emergency preparedness plans.
Priority	High
Lead Department or Agency	Safety Coordinator
Partners, if any	District Safety Committee
Plan for Implementation and Administration	Centralia R-6 safety committee will continue to evaluate plans and drills
Benefits (Losses Avoided)	IC,EM
Projected Cost	None
Potential Funding Sources	NA
Projected Completion Date	Ongoing
Criterion for Completion	Plans are evaluated and maintained

Action #	3.2.4
Mitigation Action	Conduct emergency preparedness exercises periodically throughout
Mitigation Action	the year.
Priority	High
Lead Department or Agency	Safety Committee
Partners, if any	Local emergency agencies
Plan for Implementation and Administration	Centralia R-6 safety committee will continue to conduct drills and include local emergency agencies
Benefits (Losses Avoided)	IC,EM
Projected Cost	None
Potential Funding Sources	NA
Projected Completion Date	Ongoing
Criterion for Completion	Plans and drills are conducted
Action #	3.2.5
Mitigation Action	Build tornado safe room(s) or harden part(s) of existing structure(s) to FEMA 361 standards. Consideration of Fine Arts/Storm Shelter
Priority	Medium
Lead Department or Agency	Safety Committee
Partners, if any	Administration
Plan for Implementation and Administration	Increase the safeness of our tornado refuge areas
Benefits (Losses Avoided)	IC,EM
Projected Cost	Significant
Potential Funding Sources	Grants
Projected Completion Date	Unknown
Criterion for Completion	Building project completed
Action #	3.2.9
Mitigation Action	Continue to increase capacity to prevent and respond to unwanted intruder/active shooter events.
Priority	High
Lead Department or Agency	Safety Committee
Partners, if any	Centralia Police Department
Plan for Implementation and Administration	Increase Safety Features and Communication
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	\$10,000 yearly
Potential Funding Sources	District Budget
Projected Completion Date	On-Going
Criterion for Completion	Building Safety Audits and Intruder Drills

The district's safety committee has become extremely active. It meets on a monthly basis and has an annual budget that updates safety features district-wide.

## COLUMBIA PUBLIC SCHOOLS

Action #	1.1.10
Mitigation Action	Develop a Continuity of Operations Plan (COOP).
Priority	High
Lead Department or Agency	Columbia Public Schools Administration
Partners, if any	N/A
Plan for Implementation and Administration	Implementation of Emergency/Crisis Plan
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	0
Potential Funding Sources	N/A
Projected Completion Date	2016
Criterion for Completion	Train all Admin in NIMS based Crisis plan
Action #	3.2.2
Mitigation Action	Continue to meet Revised Statutes of Missouri concerning earthquake emergency system and earthquake safety in schools.
Priority	High
Lead Department or Agency	Columbia Public School Administration, Building Principals/Directors/Coordinators/Staff
Partners, if any	
Plan for Implementation and Administration	Columbia Public Schools will carry out the requirements of the Revised Statutes.
Benefits (Losses Avoided)	IC,EM
Projected Cost	0
Potential Funding Sources	NA
Projected Completion Date	Ongoing
Criterion for Completion	Actions as outlined in Revised Statutes are carried out
Action #	3.2.3
Mitigation Action	Evaluate and maintain emergency preparedness plans.
Priority	High
Lead Department or Agency	Columbia Public School Administration
Partners, if any	
Plan for Implementation and Administration	Columbia Public School administration will meet on a regular basis to evaluate our crisis plans.
Benefits (Losses Avoided)	IC,EM
Projected Cost	0
Potential Funding Sources	NA
Projected Completion Date	Ongoing
Criterion for Completion	Emergency preparedness plans are evaluated and maintained

Action #	3.2.4
Mitigation Action	Conduct emergency preparedness exercises periodically throughout the year.
Priority	High
Lead Department or Agency	Columbia Public School Administration, Building Principals/Directors/Coordinators/Staff
Partners, if any	
Plan for Implementation and Administration	Columbia Public Schools will continue to conduct emergency preparedness drills periodically per state mandates and recommendations.
Benefits (Losses Avoided)	IC,EM
Projected Cost	0
Potential Funding Sources	NA
Projected Completion Date	Ongoing
Criterion for Completion	Emergency preparedness exercises are conducted
Action #	3.2.5
Mitigation Action	Build tornado safe room(s) or harden part(s) of existing structure(s) to FEMA 361 standards.
Priority	Medium
Lead Department or Agency	Columbia Public School Administration
Partners, if any	
Plan for Implementation and Administration	Build tornado safe rooms as funding becomes available.
Benefits (Losses Avoided)	IC,EM
Projected Cost	High
Potential Funding Sources	FEMA Mitigation Grants/Local Matching Funds
Projected Completion Date	2018
Criterion for Completion	Tornado safe rooms are built.
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Action #	3.2.9
Mitigation Action	Continue to increase capacity to prevent and respond to unwanted intruder/active shooter events.
Priority	High
Lead Department or Agency	Columbia Public Schools Safety and Security
Partners, if any	Columba Police and Boone County Sheriff's Department
Plan for Implementation and Administration	Columbia Public Schools Emergency/Crisis Plan
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	0
Potential Funding Sources	N/A
Projected Completion Date	Immediately
Criterion for Completion	Yearly drills conducted with LE and training for every employee

The earthquake emergency planning and other emergency preparedness plans/exercises are ongoing and integrated in the Emergency Response Plans; the action concerning building tornado safe rooms will be looked at and prioritized in the general planning process.

## HALLSVILLE R-IV SCHOOL DISTRICT

Action #	1.1.10
Mitigation Action	Develop a Continuity of Operations Plan (COOP).
Priority	High
Lead Department or Agency	Superintendent
Partners, if any	School Board, Admin Team
Plan for Implementation and Administration	Meet with stakeholders and identify priorities; research possible solutions for some of the tougher issues; write and test plan.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Moderate
Potential Funding Sources	Local funding
Projected Completion Date	July 1, 2016
Criterion for Completion	COOP is in place and is being tested periodically.
Action #	3.2.2
Mitigation Action	Continue to meet Revised Statutes of Missouri concerning earthquake emergency system and earthquake safety in schools.
Priority	High
Lead Department or Agency	Admin Team
Partners, if any	Teachers
Plan for Implementation and Administration	Required drills are carried out and literature distribution takes place yearly.
Benefits (Losses Avoided)	IC,EM
Projected Cost	Low
Potential Funding Sources	Internal
Projected Completion Date	Ongoing
Criterion for Completion	Ongoing
Action #	3.2.3
Mitigation Action	Evaluate and maintain emergency preparedness plans.
Priority	High
Lead Department or Agency	Admin Team
Partners, if any	
Plan for Implementation and Administration	Forms are filled out after each drill or exercise re: any problems and/or changes needed; forms are evaluated by the administrative team; emergency plans are updated as needed
Benefits (Losses Avoided)	IC,EM
Projected Cost	Minimal
Potential Funding Sources	Internal
Projected Completion Date	Ongoing
Criterion for Completion	Ongoing

Action #	3.2.4
Mitigation Action	Conduct emergency preparedness exercises periodically throughout the year.
Priority	High
Lead Department or Agency	Admin Team
Partners, if any	Teachers
Plan for Implementation and Administration	Exercises are conducted yearly
Benefits (Losses Avoided)	IC,EM
Projected Cost	Minimal
Potential Funding Sources	Internal
Projected Completion Date	Ongoing
Criterion for Completion	Ongoing
Action #	3.2.5
Mitigation Action	Build tornado safe room(s) or harden part(s) of existing structure(s) to FEMA 361 standards.
Priority	Medium
Lead Department or Agency	School Board
Partners, if any	Superintendent, Admin Team, City of Hallsville
Plan for Implementation and Administration	Build tornado safe room if/when funding becomes available.
Benefits (Losses Avoided)	IC,EM
Projected Cost	High
Potential Funding Sources	FEMA mitigation grants
Projected Completion Date	Ongoing
Criterion for Completion	Tornado safe room is built.
Action #	3.2.9
Mitigation Action	Continue to increase capacity to prevent and respond to unwanted intruder/active shooter events.
Priority	High
Lead Department or Agency	School Resource Officer
Partners, if any	Administrative Team
Plan for Implementation and Administration	All employees go through active shooter at least once a year; bus drivers go through this training more than once a year.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Low
Potential Funding Sources	Internal
Projected Completion Date	Ongoing
Criterion for Completion	Ongoing

A number of the mitigation actions are ongoing school priorities and will remain so. The actions re: developing a COOP and building a tornado safe room will be discussed at School Board meetings and action plans developed.

## HARRISBURG R-VIII SCHOOL DISTRICT

Action #	1.1.10
Mitigation Action	Develop a Continuity of Operations Plan (COOP).
Priority	High
Lead Department or Agency	Harrisburg R-VIII Administration
Partners, if any	Unknown
Plan for Implementation and Administration	A committee of local business people, parents, and school staff will be convened to begin the process of developing a COOP. Development of this plan will be an ongoing process throughout the upcoming school year.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Unknown at this time
Potential Funding Sources	Unknown
Projected Completion Date	8/1/2017
Criterion for Completion	Adoption by Board of Education
Action #	3.2.2
Mitigation Action	Continue to meet Revised Statutes of Missouri concerning earthquake emergency system and earthquake safety in schools.
Priority	High
Lead Department or Agency	Harrisburg Superintendent of Schools
Partners, if any	None
Plan for Implementation and Administration	Ongoing
Benefits (Losses Avoided)	IC,EM
Projected Cost	None
Potential Funding Sources	N/A
Projected Completion Date	Ongoing
Criterion for Completion	Documented communications and annual drill documentation
Action #	3.2.3
Mitigation Action	Evaluate and maintain emergency preparedness plans.
Priority	High
Lead Department or Agency	Harrisburg R-VIII Administration
Partners, if any	Boone County Sheriff's Department, Boone County Fire Protection District
Plan for Implementation and Administration	Ongoing review and revisions (as necessary) of emergency plans
Benefits (Losses Avoided)	IC,EM
Projected Cost	None
Potential Funding Sources	N/A
Projected Completion Date	Ongoing
Criterion for Completion	Board of Education Approved Emergency Preparedness Plan

Action #	3.2.4
Mitigation Action	Conduct emergency preparedness exercises periodically throughout the year.
Priority	High
Lead Department or Agency	Harrisburg R-VIII Administration
Partners, if any	None
Plan for Implementation and Administration	Ongoing bi-annual drills for bus evacuations, severe weather, fire/bomb threats, intruders/active shooters, and earthquakes
Benefits (Losses Avoided)	IC,EM
Projected Cost	None
Potential Funding Sources	N/A
Projected Completion Date	Ongoing
Criterion for Completion	Completed emergency Drill Logs
Action #	3.2.5
Mitigation Action	Build tornado safe room(s) or harden part(s) of existing structure(s) to FEMA 361 standards.
Priority	Medium
Lead Department or Agency	Harrisburg Board of Education
Partners, if any	possibly Village of Harrisburg; SEMA/FEMA
Plan for Implementation and Administration	Build tornado safe room(s) or harden part(s) of existing structure(s) to FEMA 361 standards.
Benefits (Losses Avoided)	IC,EM
Projected Cost	High
Potential Funding Sources	Grants
Projected Completion Date	Unknown
Criterion for Completion	Tornado Safe Rooms are completed
Action #	3.2.9
Mitigation Action	Continue to increase capacity to prevent and respond to unwanted intruder/active shooter events.
Priority	High
Lead Department or Agency	Harrisburg R-VIII Administration
Partners, if any	Boone County Sheriff's Department & Boone County Fire Protection District
Plan for Implementation and Administration	Annual training and bi-annual drills will be conducted on an ongoing basis
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Unknown at this time; will depend on strategies pursued
Potential Funding Sources	Unknown
Projected Completion Date	Ongoing
Criterion for Completion	Completed training and drill logs

### **Integration into Other Planning Mechanisms**

Each of the mitigation actions for the school district will be incorporated into both the ongoing School Improvement Plan process and ongoing safety review/planning process. A committee of local business people, parents, and school staff will be convened to begin the process of developing a COOP. It is anticipated this will be a lengthy process as we will be starting from scratch.

The school district has had some very preliminary conversations with the Harrisburg City Council regarding the potential for a joint effort to construct a tornado safe room/facility that could be utilized by the school and community members. These conversations will continue and hopefully a plan will be developed to complete such a project if/when funds become available.

## SOUTHERN BOONE SCHOOL DISTRICT

Action #	1.1.10
Mitigation Action	Develop a Continuity of Operations Plan (COOP).
Priority	High
Lead Department or Agency	Southern Boone County School District
Partners, if any	Southern Boone County Economic Development and Chamber, Cities of Ashland and Hartsburg, Mid-MO Regional Planning Commission, and MU ExCEED, local faith based organizations
Plan for Implementation and Administration	Multiple meetings with area stakeholders to develop commitments in the event of a regional emergency
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	\$5,000
Potential Funding Sources	Local and grant
Projected Completion Date	2018
Criterion for Completion	A Continuity of Operations Plan in place
A - 4' #	
Action #	3.2.2
Mitigation Action	Continue to meet Revised Statutes of Missouri concerning earthquake emergency system and earthquake safety in schools.
Priority	High
Lead Department or Agency	Southern Boone Administration
Partners, if any	N/A
Plan for Implementation and Administration	Continue to instruct and train students and staff on earthquake emergency preparedness including sending out information concerning earthquake procedures.
Benefits (Losses Avoided)	IC,EM
Projected Cost	0
Potential Funding Sources	N/A
Projected Completion Date	Ongoing
Criterion for Completion	Actions outlined in Revised Statues are carried out
Action #	3.2.3
Mitigation Action	Evaluate and maintain emergency preparedness plans.
Priority	High
Lead Department or Agency	Southern Boone Administration
Partners, if any	Boone County Sheriff's Department
Plan for Implementation and Administration	Southern Boone Administration will continue to meet regularly to evaluate the crisis plan and flipchart.
Benefits (Losses Avoided)	IC,EM
Projected Cost	0
Potential Funding Sources	N/A
Projected Completion Date	Ongoing
Criterion for Completion	Emergency Preparedness plans are evaluated and maintained

Action #	3.2.4
Mitigation Action	Conduct emergency preparedness exercises periodically throughout
	the year.
Priority	High
Lead Department or Agency	Southern Boone Principals/Staff
Partners, if any	Boone County Sheriff's Department
Plan for Implementation and Administration	Southern Boone School District will conduct emergency preparedness drills periodically per state mandates and recommendation.
Benefits (Losses Avoided)	IC,EM
Projected Cost	0
Potential Funding Sources	N/A
Projected Completion Date	Ongoing
Criterion for Completion	Emergency Preparedness drills are conducted
Action #	3.2.5
Mitigation Action	Build tornado safe room(s) or harden part(s) of existing structure(s) to FEMA 361 standards.
Priority	Medium
Lead Department or Agency	Southern Boone Administration
Partners, if any	
Plan for Implementation and Administration	Build tornado safe rooms as funding becomes available.
Benefits (Losses Avoided)	IC,EM
Projected Cost	High
Potential Funding Sources	FEMA Mitigation Grants/Local Matching Funds
Projected Completion Date	2018
Criterion for Completion	Tornado safe rooms are built.
Action #	3.2.9
Mitigation Action	Continue to increase capacity to prevent and respond to unwanted intruder/active shooter events.
Priority	High
Lead Department or Agency	Southern Boone Administration
Partners, if any	
Plan for Implementation and Administration	Install key card system campus wide.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	\$200,000
Potential Funding Sources	Local
Projected Completion Date	2018
Criterion for Completion	System in place

## **Integration into Other Planning Mechanisms**

The Superintendent has been working closely with the members of the board and has conducted walk through tours of each of the facilities. A needs assessment has been conducted and projects have been prioritized. A facilities plan will be in place by January 2016 to address the identified needs.

## STURGEON R-V SCHOOL DISTRICT

Action #	1.1.10
Mitigation Action	Develop a Continuity of Operations Plan (COOP).
Priority	High
Lead Department or Agency	Superintendent's office
Partners, if any	other admin. and ancillary staff
Plan for Implementation and Administration	Begin the process of involving stakeholders in the process of accomplishing the steps necessary for a comprehensive COOP.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Unknown at this time - probably low/moderate
Potential Funding Sources	Local funds
Projected Completion Date	Ongoing
Criterion for Completion	Completed COOP document
Action #	3.2.2
Mitigation Action	Continue to meet Revised Statutes of Missouri concerning earthquake emergency system and earthquake safety in schools.
Priority	High
Lead Department or Agency	Sturgeon R-V School Administration
Partners, if any	
Plan for Implementation and Administration	Continue to instruct and train students and staff on earthquake emergency preparedness including sending out information concerning earthquake procedures.
Benefits (Losses Avoided)	IC,EM
Projected Cost	0
Potential Funding Sources	N/A
Projected Completion Date	Ongoing
Criterion for Completion	Actions outlined in Revised Statutes are carried out.
	-
Action #	3.2.3
Mitigation Action	Evaluate and maintain emergency preparedness plans.
Priority	High
Lead Department or Agency	Crisis Committee Chairperson
Partners, if any	Administration
Plan for Implementation and Administration	Sturgeon R-V Crisis Committee will continue to meet regularly to evaluate the crisis plan and flipchart. Regularly scheduled drills and other needed drills will be discussed during the meetings also.
Benefits (Losses Avoided)	IC,EM
Projected Cost	0
Potential Funding Sources	N/A
Projected Completion Date	Ongoing
Criterion for Completion	Emergency preparedness plans are evaluated and maintained.

Action #	3.2.4
Mitigation Action	Conduct emergency preparedness exercises periodically throughout the year.
Priority	High
Lead Department or Agency	Sturgeon R-V School Principals/Staff
Partners, if any	
Plan for Implementation and Administration	Sturgeon R-V School District will conduct emergency preparedness drills periodically per state mandates and recommendation.
Benefits (Losses Avoided)	IC,EM
Projected Cost	0
Potential Funding Sources	N/A
Projected Completion Date	Ongoing
Criterion for Completion	Emergency preparedness plans are conducted.
Action #	3.2.9
Mitigation Action	Continue to increase capacity to prevent and respond to unwanted intruder/active shooter events.
Priority	High
Lead Department or Agency	Superintendent's office
Partners, if any	BoCoMo Sheriff's Dept, Sturgeon Local police
Plan for Implementation and Administration	The district will continue and expand efforts to ensure the constant safety of our students, staff, and visitors.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	\$ 3,000 annually
Potential Funding Sources	Rural Education Achievement Program (REAP) funding
Projected Completion Date	Ongoing
Criterion for Completion	Constant safe climate in both of our district's buildings

## **Integration into Other Planning Mechanisms**

The district will train staff to carry out plan objectives. The district may use plan info in long range planning document. The district may incorporate policy changes using plan info. The district can help regulate district spending using plan info. Incorporating plan strategies can change job duties.

### STEPHENS COLLEGE

Action #	3.2.2
Mitigation Action	Continue to meet Revised Statutes of Missouri concerning earthquake emergency system and earthquake safety in schools.
Priority	High
Lead Department or Agency	Campus Security and the Emergency Management Team
Partners, if any	
Plan for Implementation and Administration	Stephens College will instruct and train staff and faculty on earthquake emergency preparedness. In addition, information will be posted concerning campus earthquake procedures.
Benefits (Losses Avoided)	IC,EM
Projected Cost	0
Potential Funding Sources	NA
Projected Completion Date	Ongoing
Criterion for Completion	Actions outlined in Revised Statutes are carried out.
Action #	3.2.3
Mitigation Action	Evaluate and maintain emergency preparedness plans.
Priority	High
Lead Department or Agency	Stephens College Emergency Management Team, College President
Partners, if any	
Plan for Implementation and Administration	Stephens College will continue to conduct regular meetings of the Emergency Management Team to evaluate our Emergency Operations Plan.
Benefits (Losses Avoided)	IC,EM
Projected Cost	0
Potential Funding Sources	NA
Projected Completion Date	Ongoing
Criterion for Completion	Emergency preparedness plans are evaluated and maintained.
·	
Action #	3.2.4
Mitigation Action	Conduct emergency preparedness exercises periodically throughout the year.
Priority	High
Lead Department or Agency	Stephens College Emergency Management Team
Partners, if any	
Plan for Implementation and Administration	Stephens College will continue to conduct emergency preparedness drills and exercises per state and federal mandates and recommendations.
Benefits (Losses Avoided)	IC,EM
Projected Cost	0
Potential Funding Sources	NA
Projected Completion Date	Ongoing
Criterion for Completion	Emergency preparedness exercises are conducted.

Action #	3.2.9
Mitigation Action	Continue to increase capacity to prevent and respond to unwanted intruder/active shooter events.
Priority	High
Lead Department or Agency	Stephens College Emergency Management Team
Partners, if any	Local emergency responders
Plan for Implementation and Administration	Stephens College conducts training campuswide for response to active armed intruder situations
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	0
Potential Funding Sources	NA
Projected Completion Date	Ongoing
Criterion for Completion	Training and preparedness ongoing

### **Integration into Other Planning Mechanisms**

Stephens College is a separate private entity for most practical purposes. Stephens does try to have planning documents and policies consistent with those of Boone County and the City of Columbia; however, it may be necessary to establish individual policies based on circumstance. Stephens College complies with all local, state and federal permitting requirements and regulations. The information in the plan has little relevance, if any, to Stephens job descriptions. Stephens College staff training is conducted on a regular basis to meet the college needs. Stephens College maintains a working relationship with the City and County with regards to emergency planning and exercises.

## UNIVERSITY OF MISSOURI

Action #	3.1.4
Mitigation Action	Move the salt dome at the University of Missouri to protect Hinkson Creek in case of damage from high winds or tornadoes.
Priority	High
Lead Department or Agency	Campus Facilities
Partners, if any	MU Division of Design & Construction, City of Columbia
Plan for Implementation and Administration	The MU Division of Design & Construction will research a new location for the salt dome, taking into account such things as ingress/egress, laws and regulations, and safety of new location. Engineering plans will be developed for new facility.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	\$ 0.5 Million (estimate)
Potential Funding Sources	Insurance funds (University is self-insured)
Projected Completion Date	2020
Criterion for Completion	Salt dome is moved to safer location.
Action #	3.2.2
Mitigation Action	Continue to meet Revised Statutes of Missouri concerning earthquake emergency system and earthquake safety in schools.
Priority	High
Lead Department or Agency	Vice Chancellor for Operations
Partners, if any	
Plan for Implementation and Administration	Earthquake emergency preparedness is part of the MU Emergency Operations Plan.
Benefits (Losses Avoided)	IC,EM
Projected Cost	Minimum
Potential Funding Sources	General operating funds
Projected Completion Date	Ongoing - emergency plans are reviewed periodically.
Criterion for Completion	Earthquakes are addressed in both the MU Emergency Operations Plan and in building specific emergency plans that have been prepared for each campus building.
Action #	3.2.3
Mitigation Action	Evaluate and maintain emergency preparedness plans.
Priority	High
Lead Department or Agency	MU Emergency Management
Partners, if any	MU Police, MU Campus Facilities, MU Environmental Health & Safety
Plan for Implementation and Administration	Emergency Operations Plan has been prepared and is a format very similar to the City/County Emergency Plan.
Benefits (Losses Avoided)	IC,EM
Projected Cost	Moderate
Potential Funding Sources	General operating funds
Projected Completion Date	Ongoing
Criterion for Completion	Emergency preparedness plans are evaluated and maintained.

Action #	3.2.4
Mitigation Action	Conduct emergency preparedness exercises periodically throughout the year.
Priority	High
Lead Department or Agency	Drills are usually developed and controlled by the local MU department.
Partners, if any	MU Police, MU Campus Facilities and/or MU Environmental Health and Safety usually involved; City and/or County emergency response agencies also involved in some drills.
Plan for Implementation and Administration	Six home football games, fire drills at residence halls and Greek houses each semester, periodic drills at the Research Reactor, Hospital, Athletics, and other departments.
Benefits (Losses Avoided)	IC,EM
Projected Cost	Moderate
Potential Funding Sources	Departmental budgets
Projected Completion Date	Ongoing
Criterion for Completion	Emergency exercises are conducted.
Action #	3.2.5
Mitigation Action	Build tornado safe room(s) or harden part(s) of existing structure(s) to FEMA 361 standards.
Priority	High
Lead Department or Agency	MU Emergency Management
Partners, if any	MU Division of Finance
Plan for Implementation and Administration	Research and apply for grants for hardening select parts of existing buildings or constructing new buildings to FEMA 361 standards.
Benefits (Losses Avoided)	IC,EM
Projected Cost	High
Potential Funding Sources	Grants; operating budget for local match
Projected Completion Date	Ongoing
Criterion for Completion	Existing buildings have areas hardened to FEMA 361 standards or new buildings with safe rooms are constructed.

Action #	3.2.9
Mitigation Action	Continue to increase capacity to prevent and respond to unwanted intruder/active shooter events.
Priority	High
Lead Department or Agency	MU Police Dept.
Partners, if any	Boone Co. OEM, City of Columbia Police Dept., other institutions of higher learning
Plan for Implementation and Administration	Prevention and response to unwanted intruders/active shooters is part of the MU Emergency Management overall plan, part of the alert warning capability and is written into all building plans. Continue with regularly scheduled trainings for faculty, staff, and students.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	Moderate
Potential Funding Sources	Operating budget
Projected Completion Date	Ongoing
Criterion for Completion	Prevention of and response to unwanted intruders/active shooters is a continued focus for the University of MO.
Action #	3.2.12
Mitigation Action	Enhance alert and warning capabilities.
Priority	High
Lead Department or Agency	MU Emergency Management
Partners, if any	MU Division of Information Technology
Plan for Implementation and Administration	Improve the software and hardware associated with the current system. Continue to expand the system across campus to buildings currently not served.
Benefits (Losses Avoided)	IC,PD,LF,EM
Projected Cost	High
Potential Funding Sources	Grants; operating budget
Projected Completion Date	2020
Criterion for Completion	System is fully functional.

## Section 5: PLAN MAINTENANCE PROCESS

•	Monitoring, Evaluating, and Updating the Plan	.349
	Incorporation into Existing Mechanisms	
•	Continued Public Involvement	.353

## **Section 5: Plan Maintenance Process**

This chapter provides an overview of the overall strategy for plan maintenance and outlines the method and schedule for monitoring, updating and evaluating the plan. The chapter also discusses incorporating the plan into existing planning mechanisms and how to address continued public involvement.

## Monitoring, Evaluating, and Updating the Plan

# 44 CFR Requirement 201.6(c)(4): The plan maintenance process shall include a section describing the method and schedule of monitoring, evaluating, and updating the mitigation plan within a five-year cycle.

The MPC has served as an advisory committee for the duration of the update and is not a standing committee. Oversight responsibility could fall to such entities as the Boone County emergency management agency, The Regional Planning Commission, or local jurisdiction representatives. Responsibility for maintenance falls to the local emergency management officials.

Maintenance should involve agreement of the participating jurisdictions, including school and special districts, to:

- Meet annually, and after a disaster event, to monitor and evaluate the implementation of the plan;
- Act as a forum for hazard mitigation issues;
- Disseminate hazard mitigation ideas and activities to all participants;
- Pursue the implementation of high priority, low- or no-cost recommended actions;
- Maintain vigilant monitoring of multi-objective, cost-share, and other funding opportunities to help the community implement the plan's recommended actions for which no current funding exists;
- Monitor and assist in implementation and update of this plan;
- Keep the concept of mitigation in the forefront of community decision making by identifying plan recommendations when other community goals, plans, and activities overlap, influence, or directly affect increased community vulnerability to disasters;
- Report on plan progress and recommended changes to the County Board of Supervisors and governing bodies of participating jurisdictions; and
- Inform and solicit input from the public.

The (MPC or other designated responsible entity) is an advisory body and can only make recommendations to county, city, town, or district elected officials. Its primary duty is to see the plan successfully carried out and to report to the community governing boards and the public on the status of plan implementation and mitigation opportunities<sup>10(a)</sup>. Other duties include reviewing and promoting mitigation proposals, hearing stakeholder concerns about hazard mitigation, passing concerns on to appropriate entities, and posting relevant information in areas accessible to the public.

## **Plan Maintenance Schedule**

The MPC agrees to meet annually or after a state or federally declared hazard event as appropriate to monitor progress and update the mitigation strategy. The Boone County Emergency Management Director will be responsible for initiating the plan reviews and will invite members of the MPC to the meeting.

In coordination with all participating jurisdictions, the Emergency Management Director will be responsible for initiating a five-year written update of the plan to be submitted to the Missouri State Emergency Management Agency (SEMA) and FEMA Region VII per Requirement §201.6(c)(4)(i) of the Disaster Mitigation Act of 2000, unless disaster or other circumstances (e.g., changing regulations) require a change to this schedule.

### **Plan Maintenance Process**

Progress on the proposed actions can be monitored by evaluating changes in vulnerabilities identified in the plan. The MPC during the annual meeting should review changes in vulnerability identified as follows:

- Decreased vulnerability as a result of implementing recommended actions,
- Increased vulnerability as a result of failed or ineffective mitigation actions,
- Increased vulnerability due to hazard events, and/or
- Increased vulnerability as a result of new development (and/or annexation).

Future 5-year updates to this plan will include the following activities:

- Consideration of changes in vulnerability due to action implementation,
- Documentation of success stories where mitigation efforts have proven effective,
- Documentation of unsuccessful mitigation actions and why the actions were not effective,
- Documentation of previously overlooked hazard events that may have occurred since the previous plan approval,
- Incorporation of new data or studies with information on hazard risks,
- Incorporation of new capabilities or changes in capabilities,
- Incorporation of growth data and changes to inventories, and
- Incorporation of ideas for new actions and changes in action prioritization.

In order to best evaluate any changes in vulnerability as a result of plan implementation, the participating jurisdictions will adopt the following process:

• Each proposed action in the plan identified an individual, office, or agency responsible for action implementation. This entity will track and report on an annual basis to the jurisdictional MPC member on action status. The entity will provide input on whether the action as implemented meets the defined objectives and is likely to be successful in reducing risk.

• If the action does not meet identified objectives, the jurisdictional MPC member will determine necessary remedial action, making any required modifications to the plan.

Changes will be made to the plan to remedy actions that have failed or are not considered feasible. Feasibility will be determined after a review of action consistency with established criteria, time frame, community priorities, and/or funding resources. Actions that were not ranked high but were identified as potential mitigation activities will be reviewed as well during the monitoring of this plan. Updating of the plan will be accomplished by written changes and submissions, as the MPC deems appropriate and necessary. Changes will be approved by the Boone County Commission and the governing boards of the other participating jurisdictions.

### **Incorporation into Existing Planning Mechanisms**

# 44 CFR Requirement §201.6(c)(4)(ii): [The plan shall include a] process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans, when appropriate.

Where possible, plan participants, including school and special districts, will use existing plans and/or programs to implement hazard mitigation actions. Those existing plans and programs were described in Section 2 of this plan. Based on the capability assessments of the participating jurisdictions, communities in Boone County will continue to plan and implement programs to reduce losses to life and property from hazards. This plan builds upon the momentum developed through previous and related planning efforts and mitigation programs and recommends implementing actions, where possible, through the following plans:

- General or master plans of participating jurisdictions;
- Ordinances of participating jurisdictions;
- County Emergency Operations Plan;
- Capital improvement plans and budgets;
- Other community plans within the County, such as water conservation plans, storm water management plans, and parks and recreation plans;
- School and Special District Plans and budgets; and
- Other plans and policies outlined in the capability assessment sections for each jurisdiction in Chapter 2 of this plan.

The MPC members involved in updating these existing planning mechanisms will be responsible for integrating the findings and actions of the mitigation plan, as appropriate. The MPC is also responsible for monitoring this integration and incorporation of the appropriate information into the five-year update of the multi-jurisdictional hazard mitigation plan.

Additionally, after the annual review of the Hazard Mitigation Plan, the Boone County Emergency Management Director will provide the updated Mitigation Strategy with current status of each mitigation action to the County Commission as well as all Mayors, City Clerks, and School District Superintendents. The Emergency Manager Director will request that the mitigation strategy be incorporated, where appropriate, in other planning mechanisms.

<b>Table 5.1</b> below lists the planning mechanisms by jurisdiction into which the Hazard Mitigation
Plan will be integrated.

Jurisdiction	Planning	Integration Process	Integration Process
	Mechanisms	for Previous Plan	for Current Plan
Unincorporated	Annual Budget	Annual Budget	Annual Budget
Boone	Process	Process	Process
Ashland	Annual Budget	Annual Budget	Annual Budget
	Process	Process	Process
Centralia	Annual Budget	Annual Budget	Annual Budget
	Process	Process	Process
Columbia	Annual Budget	Annual Budget	Annual Budget
	Process	Process	Process
Hallsville	Annual Budget	Annual Budget	Annual Budget
	Process	Process	Process
Harrisburg	Annual Budget	Annual Budget	Annual Budget
C	Process	Process	Process
Hartsburg	Annual Budget	Annual Budget	Annual Budget
C	Process	Process	Process
Huntsdale	Annual Budget	Annual Budget	Annual Budget
	Process	Process	Process
Rocheport	Annual Budget	Annual Budget	Annual Budget
_	Process	Process	Process
Sturgeon	Annual Budget	Annual Budget	Annual Budget
	Process	Process	Process
Centralia R-IV	Centralia R-IV	Centralia R-IV	Centralia R-IV
	District Planning	District Planning	District Planning
	Committee & Board	Committee & Board	Committee & Board
	of Education	of Education	of Education
Columbia Public	Columbia Public	Columbia Public	Columbia Public
Schools	Schools District	Schools District	Schools District
	Planning Committee	Planning Committee	Planning Committee
	& Board of	& Board of	& Board of
	Education	Education	Education
Hallsville R-IV	Hallsville R-IV	Hallsville R-IV	Hallsville R-IV
	Planning Committee	Planning Committee	Planning Committee
	& Board of	& Board of	& Board of
	Education	Education	Education
Southern Boone	Southern Boone	Southern Boone	Southern Boone
School District	School Planning	School Planning	School Planning
	Committee & Board	Committee & Board	Committee & Board
	of Education	of Education	of Education
Sturgeon R-V	Sturgeon R-V	Sturgeon R-V	Sturgeon R-V
	Planning Committee	Planning Committee	Planning Committee

	& Board of	& Board of	& Board of
	Education	Education	Education
Stephens College	Stephens College	Stephens College	Stephens College
	Planning Committee	Planning Committee	Planning Committee
	& Board of	& Board of	& Board of
	Education	Education	Education
University of	MU Planning	MU Planning	MU Planning
Missouri	Committee & Board	Committee & Board	Committee & Board
	of Education	of Education	of Education

### **Continued Public Involvement**

# 44 CFR Requirement §201.6(c)(4)(iii): [The plan maintenance process shall include a] discussion on how the community will continue public participation in the plan maintenance process.

The hazard mitigation plan update process provides an opportunity to publicize success stories resulting from the plan's implementation and seek additional public comment. Information about the annual reviews will be posted on the Boone county website following each annual review of the mitigation plan and will solicit comments from the public based on the annual review. When the MPC reconvenes for the five-year update, it will coordinate with all stakeholders participating in the planning process. Included in this group will be those who joined the MPC after the initial effort, to update and revise the plan. Public notice will be posted and public participation will be actively solicited, at a minimum, through available website postings and press releases to local media outlets, primarily newspapers.

Appendix A: Sign-In Sheets



## **CERTIFIED COPY OF ORDER**

STATE OF MISSOURI	۱.	September Session of the July Adjourned				<b>Term. 20</b> 20
<b>County of Boone</b>	<b>)</b> ea.					
In the County Commission	on of said count	y, on the	1st	day of	September	<b>20</b> 20

the following, among other proceedings, were had, viz:

Now on this day, the County Commission of the County of Boone does hereby approve a request for authorization to convert positions 297 and 169, Deputy County Clerk IIIs to tiered, fluid Deputy County Clerk II/IIIs that can be hired at either classification based on qualifications. Once hired, the positions will be eligible for promotion to the higher classification during the normal budget cycle via budget request and submission of an Upgrade Request for Designated Tiered Position Form. In addition, this Order authorizes the return of position 169 back to a full-time, benefits eligible position, effective September1, 2020, when it is scheduled to be vacated through retirement.

Done this 1st day of September 2020.

ATTEST:

nau

Brianna L. Lennon Clerk of the County Commission

Van

Daniel K. Atwill Presiding Commissioner

Fred A. Parry

District I Commissioner

Jane M. Thompson District II Commissioner



## **CERTIFIED COPY OF ORDER**

STATE OF MISSOURI	1	September Session of the July Adjourned			<b>Term. 20</b> 20
County of Boone	J ea.				
In the County Commission	on of said county, or	the 1st	day of	September	<b>20</b> 20

the following, among other proceedings, were had, viz:

Now on this day, the County Commission of the County of Boone does hereby approve the attached Contract Amendment Number One to Contract 27-16JUL20 – Speer Gold Dot 124+P Bonded 9mm Ammunition.

Terms of the amendment are stipulated in the attached Amendment. It is further ordered the Presiding Commissioner is hereby authorized to sign said Contract Amendment One.

Done this 1st day of September 2020.

ATTEST:

Envon net Spanner

Brianna L. Lennon Clerk of the County Commission

Daniel K. Atwill

Presiding Commissioner

Fred J. Parry District I Commissioner

Janet M. Thompson District II Commissioner

## **Boone County Purchasing**

Liz Palazzolo Senior Buyer



613 E. Ash, Room 109 Columbia, MO 65201 Phone: (573) 886-4392 Fax: (573) 886-4390

## **MEMORANDUM**

TO:	Boone County Commission
FROM:	Liz Palazzolo, CPPO, C.P.M.
DATE:	August 27, 2020
RE:	Amendment #1 to Contract 27-16JUL20 – Speer Gold Dot 124+P Bonded
	9mm Ammunition

Amendment #1 to contract 27-16JUL20 for Speer Gold Dot 124+P Bonded 9mm Ammunition that was awarded August 13, 2020 (Commission Order 356-2020) is being amended to correct reference to the contract period (from 2019 to 2020) and term (from 6-months to 7-months).

All other terms, conditions and prices of the original agreement remain unchanged.

Payment will be made from the following Department/Account codes:

- 1255 Corrections/23200 Ammunition: \$250.00
- 1251 Sheriff/23200 Ammunition: \$4,050.00
- 2901 Sheriff Operations LE Sales Tax/23200 Ammunition: \$482.34

/lp

cc: Contract File

Commission Order #: 386-2020

9-1-2020

#### Date:

#### CONTRACT AMENDMENT NUMBER ONE FOR SPEER GOLD DOT 124+P BONDED 9MM AMMUNITION

The Agreement **27-16JUL20** dated the 13<sup>th</sup> day of August 2020 made by and between Boone County, Missouri and **Gulf States Distributors, Inc.** for and in consideration of the performance of the respective obligations of the parties set forth herein, is amended as follows:

- REPLACE "2019" with "2020" in the text: "THIS AGREEMENT dated the 13<sup>th</sup> day of August 2020 is made between Boone County, Missouri, a political subdivision of the State of Missouri through the Boone County Commission, herein "County" and Gulf States Distributors, Inc. herein "Contractor.""
- 2. **REPLACE** paragraph 2.10 with the following:

2.10 <u>Contract Period</u>: The contract period shall be from **Date of Award through Seven** (7) **Months.** The County reserves the right to terminate the contract at any time, for the convenience of the County, without penalty or recourse, by giving written notice to the contractor at least thirty (30) calendar days prior to the effective date of such termination. The contractor shall be entitled to receive compensation for services and/or supplies delivered to and accepted by the County pursuant to the contract prior to the effective date of termination.

3. Except as specifically amended hereunder, all other terms, conditions and provisions of the original agreement shall remain in full force and effect.

**IN WITNESS WHEREOF** the parties through their duly authorized representatives have executed this agreement on the day and year first above written.

### **GULF STATES DISTRIBUTORS, INC.**

	DocuSigned by:
By: _	Geannie Frammell
	A8780E783D88408

Title: LE Sales

#### APPROVED AS TO FORM:

DocuSigned by: A Sphame

County GEALLINGE

### **BOONE COUNTY, MISSOURI**

By: Boone County Commission

DocuSigned by:

Presiding Commissioner

ATTEST:

Brianna L Unnon by Mt\_\_\_\_\_

AUDITOR CERTIFICATION: In accordance with §RSMo 50.660, I hereby certify that a sufficient unencumbered appropriation balance exists and is available to satisfy the obligation(s) arising from this

contract. (Note: Certification of this contract is not required if the terms of this contract do not create a measurable county obligation at this time.)

Fund: 1255 - Account: 23200\$250.00Fund: 1251 - Account: 23200:\$4,050.00Fund: 2901 - Account: 23200:\$482.34

DocuSigned by: une Piralford

8/24/2020

Signature B4E3F1C847D...

Date

Appropriation Account



## **CERTIFIED COPY OF ORDER**

STATE OF MISSOURI	۱.,	September Ses	ssion of the J	July Adjourned		<b>Term. 20</b> 20
<b>County of Boone</b>	<b>]</b> ea.					
In the County Commissi	on of said county, o	n the	1st	day of	September	<b>20</b> 20

the following, among other proceedings, were had, viz:

Now on this day, the County Commission of the County of Boone does hereby approve the request by the Purchasing Department to dispose of the following list of surplus equipment by auction on GovDeals or by destruction for whatever is not suitable for auction.

It is further ordered the Presiding Commissioner is hereby authorized to sign said Request for Disposal Forms.

Done this 1st day of September 2020.

ATTEST:

2emonat nauna

Brianna L. Lennon Clerk of the County Commission

Daniel K. Atwill

Presiding Commissioner

Fred J. Parry

District I Commissioner

Janet M. Thompson District II Commissioner

**Boone County Purchasing David Eagle** Purchasing Assistant



613 E. Ash Street Columbia, MO 65201 Phone: (573) 886-4394

#### MEMORANDUM

TO:Boone County CommissionFROM:David EagleRE:Surplus DisposalDATE:August 21, 2020

The Purchasing Departments requests permission to dispose of the following list of surplus equipment by auction on GovDeals or by destruction for whatever is not suitable for auction.

	Asset #	Description	Make & Model	Department	Condition of Asset	
1	NO TAG	30" X 72" WOOD TABLE		IJС	POOR	
2	13912	40 CALIBER GUN	GLOCK MODEL 22 SN: FKL627	SHERIFF	DESTROYED	REMOVE FROM INVENTORY
3	11345	ROLLING CART FOR TV		JURY SERVICES & COURT COST	FAIR	
4	NO TAG	SPACE HEATER		LT.	RECYCLED	
5	NO TAG	OUTDOOR WARNING SIREN	WHELEN JUSTICE	EMERGENCY MGMT.	RECYCLED BY VENDOR	
6	NO TAG	OUTDOOR WARNING SIREN	WHELEN JUSTICE	EMERGENCY MGMT.	RECYCLED BY VENDOR	
7	NO TAG	OUTDOOR WARNING SIREN	WHELEN JUSTICE	EMERGENCY MGMT.	RECYCLED BY VENDOR	

8	12788	CHAIN SAW	STIHL 029	ROAD & BRIDGE	USED FOR PARTS	REMOVE FROM INVENTORY
9	4184	DESK CHAIR		ELECTION & REGISTRATION	UNSAFE – RECYCLE	REMOVE FROM INVENTORY
10	NO TAG	TINT METERS		SHERIFF	WORKS	
11	11696	MPH SPEEDGUN		SHERIFF	WORKS	
12	NO TAG	TV ANTENNA	GE	PROSECUTING ATTORNEY	GOOD	
13	NO TAG	WALL-MOUNT HANGER FOR TV		PROSECUTING ATTORNEY	GOOD	
14	NO TAG	32″ TV	SANYO	PROSECUTING ATTORNEY	OLD	
15	19158	GRASS TRIMMER	STIHL FS56C	FACILITY MAINTENANCE	FAIR	
16	NO TAG	BACKPACK LEAF BLOWER	ECHO PB260L	FACILITY MAINTENANCE	FAIR	
17	NO TAG	LEAF BLOWER	STIHL SH86C	FACILITY MAINTENANCE	FAIR	
18	NO TAG	EIGHT BLUE STACKABLE CHAIRS		COMMUNITY SERVICES	FAIR	
19	NO TAG	BROWN TABLE WITH TWO SMALL DRAWERS		COMMUNITY SERVICES	FAIR	

20	NO TAGS	10 CRADLEPOINT CELLULAR ROUTERS		SHERIFF	GOOD	
21	18652	AUTOMOTIVE LOCKING VAULT		SHERIFF	GOOD	
22	19355	AUTOMOTIVE LOCKING VAULT		SHERIFF	GOOD	
23	9466	GREEN FORMICA TOPPED TABLE		SHERIFF	GOOD	
24	NO TAG	SAFE	MEILINK	SHERIFF	FAIR COMBO NOT KNOWN	
25	19552	DEADSTOP BALLISTIC SHIELD	LCOA EQUALIZER	SHERIFF	DESTROYED BY DEPARTMENT	REMOVE FROM INVENTORY
26	NO TAG	2 DRAWER FILE CABINET		SHERIFF	FAIR	
27	1935	METAL FILING CABINET		CIRCUIT CLERK	POOR – RECYCLE	REMOVE FROM INVENTORY
28	1962	METAL FILING CABINET		CIRCUIT CLERK	POOR – RECYCLE	REMOVE FROM INVENTORY
29	3760	METAL FILING CABINET		CIRCUIT CLERK	POOR – RECYCLE	REMOVE FROM INVENTORY
30	1964	METAL FILING CABINET		CIRCUIT CLERK	POOR – RECYCLE	REMOVE FROM INVENTORY
31	NO TAG	MAIL SORTER		CIRCUIT CLERK	POOR	

32	NO TAGS	SNEAD LABELS – RUBBER STAMPS		CIRCUIT CLERK	GOOD	
33	NO TAG	OLD WOODEN DESK		CIRCUIT CLERK	FAIR	
34	NO TAG	½" X 23 ½" X47" PANE OF SAFETY GLASS		JJC	NEW	
35	NO TAG	ONE DRAWER FILE CABINET		ЈЈС	FAIR	
36	10181	BLUE OFFICE CHAIR	HON	IJС	POOR – RECYCLE	REMOVE FROM INVENTORY
37	12883	RED ROLLING CHAIR		SHERIFF	POOR – RECYCLE	REMOVE FROM INVENTORY
38	NO TAG	OUTDOOR WARNING SIREN	WHELEN JUSTICE	EMERGENCY MGMT.	RECYCLED BY VENDOR	
39	18183	CHAIN SAW		ROAD & BRIDGE	POOR – RECYCLE	REMOVE FROM INVENTORY
40	20631	OUTPOST – 2R	AVTEC	JOINT COMM. RADIO NETWORK	RETURNED TO VENDOR	REMOVE FROM INVENTORY
41	6525	DESK CHAIR		ELECTION & REGISTRATION	UNSAFE – RECYCLE	REMOVE FROM INVENTORY
42	NO TAG	SMALL ROLLING DESK		SHERIFF	GOOD	
43	NO TAG	WOODEN DESK		SHERIFF	GOOD	

					1	
44	11001	RECTANGULAR FOLDING TABLE		COUNTY COUNSELOR	GOOD	
45	5411	TYPEWRITER		COUNTY CLERK	BROKEN	REMOVE FROM INVENTORY
46	19351	AUTOMOTIVE LOCKING VAULT		SHERIFF	FAIR	
47	348	METAL CABINET	34" WIDE 27" DEEP 40" TALL	SHERIFF	FAIR	
48	17470	LICENSE PLATE READER UNIT		SHERIFF	DESTROYED BY DEPARTMENT	REMOVE FROM INVENTORY
49	17471	LICENSE PLATE READER UNIT		SHERIFF	DESTROYED BY DEPARTMENT	REMOVE FROM INVENTORY
50	17472	LICENSE PLATE READER UNIT		SHERIFF	DESTROYED BY DEPARTMENT	REMOVE FROM INVENTORY
51	17473	LICENSE PLATE READER UNIT		SHERIFF	DESTROYED BY DEPARTMENT	REMOVE FROM INVENTORY
52	18121	LICENSE PLATE READER UNIT		SHERIFF	DESTROYED BY DEPARTMENT	REMOVE FROM INVENTORY
53	18122	LICENSE PLATE READER UNIT		SHERIFF	DESTROYED BY DEPARTMENT	REMOVE FROM INVENTORY
54	12800	MPH SPEEDGUN RADAR UNIT		SHERIFF	GOOD	
55	NO TAGS	SIERRA WIRELESS RUGGEDIZED CELLULASR MODEMS		SHERIFF	FAIR	

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56	NO TAG	SIERRA WIRELESS RUGGEDIZED CELLULAR MODEMS		SHERIFF	RECYLE	
57	17571	ELSAG FIXED SITE FCU PROCESSOR		SHERIFF	DESTROYED BY DEPARTMENT	REMOVE FROM INVENTORY
58	17570	FIXED SITE FCU PROCESSOR		SHERIFF	DESTROYED BY DEPARTMENT	REMOVE FROM INVENTORY
59	17908	EXAQ VISION 1608-48-2000-R2 DVR		SHERIFF	DESTROYED BY DEPARTMENT	REMOVE FROM INVENTORY
60	14370	К9 НОТ-N-РОР		SHERIFF	OBSOLETE	
61	10678	5 DRAWER LATERAL FILE CABINET	HON	SHERIFF	FAIR	
62	15416	PORTABLE RADIO	MOTOROLA PR1500	SHERIFF	POOR	
63	15417	PORTABLE RADIO	MOTOROLA PR1500	SHERIFF	FAIR	
64	15418	PORTABLE RADIO	MOTOROLA PR1500	SHERIFF	FAIR	
65	15419	PORTABLE RADIO	MOTOROLA PR1500	SHERIFF	FAIR	
66	15896	PORTABLE RADIO	MOTOROLA PR1500	SHERIFF	FAIR	
67	15897	PORTABLE RADIO	MOTOROLA PR1500	SHERIFF	FAIR	

					1	
68	15898	PORTABLE RADIO	MOTOROLA PR1500	SHERIFF	FAIR	
69	15899	PORTABLE RADIO	MOTOROLA PR1500	SHERIFF	FAIR	
70	15900	PORTABLE RADIO	MOTOROLA PR1500	SHERIFF	FAIR	
71	15614	VIDEO/DIGITAL RECORDING SYSTEM	SHERIFF		DESTROYED BY LEPARTMENT	REMOVE FROM INVENTORY
72	23103	GPS SURVEILLANCE DEVICE	SHERIFF		DESTROYED BY DEPARTMENT	REMOVE FROM INVENTORY
73	15304	PORTABLE RADIO	MOTOROLA PR1500	SHERIFF	DESTROYED BY DEPARTMENT	REMOVE FROM INVENTORY
74	15303	PORTABLE RADIO	MOTOROLA PR1500	SHERIFF	FAIR	
75	13650	SHREDDER	FELLOWS	COMMUNITY SERVICES	POOR – JAMS FREQUENTLY	
76	NO TAG	HYDRULIC POST DRIVER		ROAD & BRIDGE	POOR RECYCLE	
77	9800	DESK CHAIR		ELECTION & REGISTRATION	UNSAFE – RECYCLE	REMOVE FROM INVENTORY
78	10348	DESK CHAIR		ELECTION & REGISTRATION	UNSAFE – RECYCLE	REMOVE FROM INVENTORY
CC*	Heather	Acton, Jacob Flowers,	Auditor's offic	ce		

cc: Heather Acton, Jacob Flowers, Auditor's office Surplus File

<b>BOONE COUNTY</b>	
Request for Disposal/Transfer of County Prope Complete, sign, and return to Auditor's Office	rty RECEIVED
Date: 10/18/19 Fixed Asset Tag Number: None	OCT 2 1 2019
Description of Asset: 30×72 Wood table	BOONE COUNTY AUDITOR
Requested Means of Disposal: Sell Trade-In Recycle/Trash Other, Explain:	
Other Information (Serial number, etc.): N/A	
Condition of Asset: poor	
Reason for Disposition: leg broken budly scratched	
Location of Asset and Desired Date for Removal to Storage: JJC ASAP	
Was asset purchased with grant funding? YES NO If "YES", does the grant impose restriction and/or requirements pertaining to disposal? Y If yes, attach documentation demonstrating compliance with the agency's restrictions and/	ES NO or requirements.
Dept Number & Name: 1242 - JJC Signature Standy	th_
To be Completed by: AUDITOR Original Acquisition Date N/A G/L Account for Proceeds _/190	-3836 J-
Original Acquisition Amount	
Original Funding Source	
Account Group	-
To be Completed by: COUNTY COMMISSION / COUNTY CLERK	
Approved Disposal Method:	
Transfer Department NameNumber	
Location within Department	
Individual	
TradeAuctionSealed Bids	
Other Explain	
Commission Order Number 387-2020	
Date Approved	
Signature_ Comple alliel	

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## **BOONE COUNTY**

## REQUEST FOR DISPOSAL OF COUNTY PROPERTY

FIXED ASSET TAG NUMBER 13912

RECEIVED

DATE 10-11-2019

DESCRIPTION Glock .40 caliber model 22 serial number FKL627 OCT 1 1 2019 BOONE COUNTY AUDITOR REQUESTED MEANS OF DISPOSAL: OTHER OTHER INFORMATION: Request disposal via Gun busters coordinated by the Sheriff's Department. This will destroy the gun and will supply us with certification of disposal. CONDITION OF ASSET used/damaged (broken frame) REASON FOR DISPOSITION The Glock .40 caliber model 22 serial number FHL625 is damaged beyond repair. DEPARTMENT Boone County Sheriff SIGNATURE Rect: 2901-3836 NR AUDITOR Acct Group 1604 ORIGINAL PURCHASE DATE 6-3-03 ORIGINAL COST \$357.00 ORIGINAL FUNDING SOURCE 2787 COUNTY COMMISSION / COUNTY CLERK APPROVED DISPOSAL METHOD: DEPARTMENT NAME\_\_\_\_\_\_NUMBER\_\_\_\_\_\_ TRANSFER LOCATION WITHIN DEPARTMENT\_\_\_\_\_ INDIVIDUAL TRADE \_\_\_\_AUCTION \_\_\_\_SEALED BIDS EXPLAIN\_\_\_\_\_ OTHER COMMISSION ORDER NUMBER 387-2026 DATE APPROVED SIGNATURE LOW

## **BOONE COUNTY** Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

Date: Oct. 21, 2019	Fixed Asset Tag Number: 11345	
Description of Asset: Cart for TV		
Requested Means of Disposal: 🛛 Sell 🛛	Trade-In Recycle/Trash Other, Explain:	
Other Information (Serial number, etc.):		RECEIVED
Condition of Asset: Fair		OCT 2 3 2019
Reason for Disposition: No longer neede	ed or used	BOONE COUNTY AUDITOR
Location of Asset and Desired Date for I	Removal to Storage: At FM already	
	TYES NO striction and/or requirements pertaining to disposal? nonstrating compliance with the agency's restrictions and	
Dept Number & Name: 1230, Jury Servi	ices & Court Cost Signature 11 Pry 24	2
To be Completed by: AUDITOR         Original Acquisition Date       2	3/26/98 G/L Account for Proceeds	1190-3836-5
Original Acquisition Amount Z 3	32.54	
Original Funding Source 27	3/	
Account Group 1602		
To be Completed by: COUNTY COM	MISSION / COUNTY CLERK	
Approved Disposal Method:		
Transfer Department Na	umeNumber	
Location within	Department	2
Individual		
TradeAuction	Sealed Bids	
Other Explain		
Commission Order Number 387	-2020	
Date Approved 9.1 Signature	· 20	
	· · · · · · · · · · · · · · · · · · ·	

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		c	60	n

Request for Disposal/Transfer of County Property

Complete, sign, and return to Auditor's Office

Date: 10/23/19	Fixed Asset Tag Number: <b>N/A</b>	
Description of Asset: Space Heate	ur -	
Requested Means of Disposal: Sell	Trade-In 🚺 Recycle/Trash	Other, Explain:
Other Information (Serial number, etc.):	NIA	RECEIVED
Condition of Asset: Non . Working	λ	OCT 232019
Reason for Disposition: Non - WOrk		BOONE COUNTY AUDITOR
Location of Asset and Desired Date for	Removal to Storage: GC RM 123	
Was asset purchased with grant funding? If "YES", does the grant impose re If yes, attach documentation der	YES XNO striction and/or requirements pertainin nonstrating compliance with the agenc	ng to disposal? YES NO y's restrictions and/or requirements.
Dept Number & Name: 1170 - Inform	nation Technology Signature	Ucioria Watter
To be Completed by: AUDITOR Original Acquisition Date	M/A G/L Account fo	r Proceeds
Original Acquisition Amount		
Original Funding Source	V	
Account Group	×	
To be Completed by: COUNTY COL	MMISSION / COUNTY CLERK	
Approved Disposal Method:		
Transfer Department N	ame	Number
Location within	n Department	
Individual		<u></u>
TradeAuction	Sealed Bids	
Other Explain		
Commission order i the	1-2020	
Date Approved	2.1.20	
Signature_ Comple_ Cl	inly	

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## **BOONE COUNTY**

Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

				RECEIVED
Date: 10/31/19	Fixed Asset Tag Nu	imber: NO	IAG-OBSOLETE	NOV 0 6 2019
Description of Asset: OUTDR WARN	IING SIREN			BOONE COUNTY AUDITOR
Requested Means of Disposal: Sell	Trade-In Red This will be disr	*		
Other Information (Serial number, etc.)				
Condition of Asset: OBSOLETE				
Reason for Disposition: CAN NO LON	IGER AQUIRE PAR	TS FOR RE	PAIRS	
Location of Asset and Desired Date for	r Removal to Storage:	#70 324 RT	E OO, HALLSVII	LE
Was asset purchased with grant funding If "YES", does the grant impose r If yes, attach documentation do Dept Number & Name: 2702 EMERC	estriction and/or requ emonstrating complian	irements per ace with the a Signat	gency's restrictions	YES NO
			aler /	<u> </u>
To be Completed by: AUDITOR Original Acquisition DateA	1/A	G/L Accou	nt for Proceeds	MAE
Original Acquisition Amount				2
Original Funding Source	V			
To be Completed by: COUNTY CO		UNTY CLE	RK	
	<u>, 30</u>	<u> </u>		
Approved Disposal Method:				
Transfer Department N	Name		Number	ť
Location with	in Department			
Individual				
TradeAuction	Sealed	Bids		
Other Explain				
Commission Order Number 38	1-2020			
Date Approved fr 9.	20/			
Signature	r			

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Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

		RECEIVED
Date: 10/31/19	Fixed Asset Tag Number: NO TAG-OBSOLETE	NOV 0 6 2019
Description of Asset: OUTDR WARN	ING SIREN	BOONE COUNTY AUDITOR
Requested Means of Disposal: Sell	This will be dismantled and recycled by our ve	ndor.
Other Information (Serial number, etc.)	:	
Condition of Asset: OBSOLETE		
Reason for Disposition: CAN NO LON	IGER AQUIRE PARTS FOR REPAIRS	
Location of Asset and Desired Date for	Removal to Storage: #71 14633 N. RICKETTS RD. HAL	LSVILLE
If yes, attach documentation de	estriction and/or requirements pertaining to disposal? []YE emonstrating compliance with the agency's restrictions and/o	S DNO or requirements.
Dept Number & Name: 2702 EMERC	ENCY MGMT Signature	
To be Completed by: AUDITOR Original Acquisition Date	N/A G/L Account for Proceeds	MJ
Original Acquisition Amount		
Original Funding Source		
Account Group		
To be Completed by: COUNTY CO	MMISSION / COUNTY CLERK	
Approved Disposal Method:		
Transfer Department N	Jame Number	
Location with	in Department	
Individual		
TradeAuction	Sealed Bids	
A		
Commission Order Number32	37-2020	
Date Approved 9.	1.20	
Signature Nong Vie UM	7	

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Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

D . 10/21/10	Fixed Asset Tag Number: NO TAG-OBSOLETE	RECEIVED
Date: 10/31/19		NOV 0 6 2019
Description of Asset: OUTDR WARN	VING SIREN	BOONE CO MIN
Requested Means of Disposal: Sell	☐ Trade-In	endor.
Other Information (Serial number, etc.)		
Condition of Asset: OBSOLETE		
Reason for Disposition: CAN NO LON	NGER AQUIRE PARTS FOR REPAIRS	
Location of Asset and Desired Date fo	r Removal to Storage: 2500 BLK VANDIVER, COLUME	SIA
Was asset purchased with grant funding If "YES", does the grant impose a If yes, attach documentation d Dept Number & Name: 2702 EMERC	restriction and/or requirements pertaining to disposal?	ES NO /or requirements.
To be Completed by: AUDITOR Original Acquisition Date	$\mathcal{N}/\mathcal{A}$ G/L Account for Proceeds $\mathcal{N}$	IA F
Original Acquisition Amount		
Original Funding Source		
	OMMISSION / COUNTY CLERK	
	MIMISSION / COUNTI CLERK	
Approved Disposal Method:		
Transfer Department I	Name Number	
Location with	nin Department	
Individual		
TradeAuction	Sealed Bids	
Other Explain		
	87-2020	
Date Approved 9. Signature	1.20	

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E	OONE COUN	ſΤΥ
Request for Di	Sposal/Transfer of Complete, sign, and return to Audito	E County Property
Date: 11/15/2019	Fixed Asset Tag Number: 12	788
Description of Asset: Stihl 029 Chain S	aw	
Requested Means of Disposal: 🗍 Sell	□Trade-In □Recycle/Trash	Other, Explain: Use for parts
Other Information (Serial number, etc.)	: SN: 246661136	RECEIVED
Condition of Asset: Very Poor		NOV 1 5 2019
Reason for Disposition: Motor on the u	nnit is not repairable.	BOONE COUNTY AUDITOR
Location of Asset and Desired Date for	Removal to Storage: NA	
Was asset purchased with grant funding If "YES", does the grant impose r If yes, attach documentation de	estriction and/or requirements pe	ertaining to disposal? YES NO agency's restrictions and/or requirements.
Dept Number & Name: 2040 Road &		ature Arey 12k
		Account for Proceeds
Original Acquisition Amount	286.93	
Original Funding Source 7.74	11	
Account Group/604		
To be Completed by: COUNTY CO	MMISSION / COUNTY CL	ERK
Approved Disposal Method:		
Transfer Department N	Jame	Number
Location with	in Department	
Individual		
TradeAuction	Sealed Bids	
Other Explain		
Commission Order Number3	87-2020	
Date Approved pr 19.	291	
Signature Complez alla	nlf	

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# **BOONE COUNTY** Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

Date: 8/10/20	Fixed Asset	Tag Number: 0418	4	
Description of Asset: Desk Chair				
Requested Means of Disposal: Sell	Trade-In	⊠Recycle/Trash	Other, Explain:	
Other Information (Serial number, etc.)	):		RECE	VED
Condition of Asset: Broken			AUG 1 3	2020
Reason for Disposition: Cannot use; no	ot safe		BOONE C AUDIT	OUNTY FOR
Location of Asset and Desired Date for	r Removal to S	torage: Voter Regist	tration back room	
Was asset purchased with grant funding If "YES", does the grant impose If yes, attach documentation d	restriction and/	or requirements perion ompliance with the a	gency's restrictions and/or re-	NO quirements.
Dept Number & Name: 1132 Election		n Signat	ure <u>B_SS</u>	<u></u>
To be Completed by: AUDITOR Original Acquisition Date		4 G/LA	ccount for Proceeds/72	).3836 F
Original Acquisition Amount	196.88			
Original Funding Source	2731			
Account Group 16	DZ			
To be Completed by: COUNTY CO	OMMISSION	/ COUNTY CLE	RK	
Approved Disposal Method:				
Transfer Department	Name		Number	·
Location with	hin Departmen	t		
Individual				
TradeAuction	4.0 <sup>-10</sup>	Sealed Bids		
Commission Order Number3	87-2020 1.20	0		
Date Approved	1.20			
Signature_ Complex alter	ilf	;		

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Request for Disposal/Transfer of County Property Camplete, sign, and return to Auditor's Office

Date: 12/03/19	Fixed Asset	Tag Number: No a	sset tag numbers, below v	alue
Description of Asset: That meters				
Requested Means of Disposal: ⊠Sell	[]]Trade-In		Other, Explain:	RECEIVED
Other Information (Serial number, etc.):	8 tint meters	(below asset value)		DEC 0 4 2019
Condition of Asset: Works				ч. т. 1947 — ж.,
Reason for Disposition: Replaced				
Lucation of Asset and Desired Date for	Removal to St	torage: SD Leasa's c	office	
Was asset purchased with grant funding? If "YES", does the grant impose re If yes, attach documentation der	striction and/	or requirements pert	aining to disposal? []YES gener's restrictions and/or	Ino requitements.
Dept Number & Name: Sheriff's		Signat	ure	
To be Completed by: AUDITOR Original Acquisition Date	8 8 8		nt for Proceeds <u>1190</u>	-3836 F
Original Acquisition Amount				
Original Punding Source				
Account Group	Υ			
To be Completed by; COUNTY COM	MMISSION			
Approved Disposal Method:				
Transfer Department Na	8D10		Number	
Location withir	n Department			v
Individual		د 		
Trade Auction		Scaled Bids		
Other Explain		2 Ph. 1 La.	A	
Commission Order Number3	87-206	10		
Date Approved 9 9.1	1.20			
Signature Norman 12 alta	ilf	and the second		

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Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

Date: 12/03/19	Fixed Asset Tag Number: 11696	
Description of Asset: MPH Speedgun		RECEIVED
Requested Means of Disposal: Sell Other Information (Serial number, etc.):	∐l'rade-InRecycle/TrashOther, Explain: HHM556 000009	DEC 0 4 2019
Condition of Asset: Works		
Reason for Disposition: Replaced		
Location of Asset and Desired Date for	Removal to Storage: SD Leasa's office	
Was asset purchased with grant funding? If "YES", does the grant impose re If yes, attach documentation der	P TYES NO striction and/or requirements pertaining to disposal? TYBS T monstrating compliance with the agency's certrictions and/or requi	NO itements.
Dept Number & Name: Sheriff's	Signative	****
	10/8/98 G/L Account for Proceeds	
Original Acquisition Amount/	595.00	
Original Funding Source 27	'31	
Account Group	>4	
To be Completed by: COUNTY CO		
Approved Disposal Method:		8 2
Transfer Department N	ameNumber	
Location within	n Department	
Individual		
TradeAuetion	Sealed Bids	
Other Explain	and the second	ie Axee
Commission Order Number	57-2020	
Date Approved fr	2011	
Signature Vonuy 12 all	ulf	

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BOONE COUNTY
Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

Complete, sign, and return to Auditor's Office

Date: 12/30/19 Fixed Asset T	Tag Number: No Tag		
Description of Asset: GE TV Antennae			RECEIVED
Requested Means of Disposal: Sell Trade-In	Recycle/Trash	Other, Explain:	JAN 02 2020 BOONE COUNTY AUDITOR
Condition of Asset: Good			
Reason for Disposition: No longer needed & didn't wor	rk with TV and no cabl	e	
Location of Asset and Desired Date for Removal to Sto	prage: Jorathan Ke Offic NO or requirements pertaini	eshi's Prosecutor's C e ng to disposal? [YES]	□NO
Dept Number & Name: 1261 - PA Administration	Signature	Donnu	adle
To be Completed by: AUDITOR         Original Acquisition Date       ////////////////////////////////////	G/L Accor 	unt for Proceeds <u>///</u>	<u>90 - 3836</u> -j-
To be Completed by: COUNTY COMMISSION /	COUNTY CLERK		
Approved Disposal Method:			
Transfer Department Name Location within Department_ Individual		Number	
TradeAuctionS	Sealed Bids		
Other Explain			
Commission Order Number 387-2020			
Date Approved 9.1.20 Signature			

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## **BOONE COUNTY** Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

Date: 12/30/19	)	Fixed Asset Tag Nu	mber: No Tag		
Description of J	Asset: Wall-Mount Har	ger for TV			RECEIVED
-	ns of Disposal: ⊠Sell ion (Serial number, etc.)		· -	cr, Explain:	JAN 02 2020 BOONE COUNTY AUDITOR
Condition of As	iset: Good				
Reason for Dis	oosition: No longer nee	ded			
Was asset purch If 'YES", If yes, a	et and Desired Date fo ased with grant funding does the grant impose a attach documentation d k Name: 1261 - PA Ad	2? YES NO restriction and/or requi remonstrating complian	Office trements pertaining to	disposal? []YES	□No
Original Acquis Original Acquis	ted by: AUDITOR ition Date ition Amount g Source		G/L Account fo	or Proceeds <u>// / / / / / / / / / / / / / / / / / </u>	10-3836_F
To be Comple	ted by: COUNTY CO	MMISSION / COU	JNTY CLERK		
Approved Disp Transfer	Department I	Jame in Department		Number	
Trade Other Commission C Date Approved	Auction Explain Order Number3	Sealed 87-2020 9.1.20	Bids	y	
Signature	Vany lig a	tuilf			

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BOONE COUNTY
Request for Disposal/Transfer of County Property

Complete, sign, and return to Auditor's Office

Date: 12/30/19	Fixed Asset Tag Nu	mber: No Tag	
Description of Asset: Sanyo Tel	evision- 32"		
			RECEIVED
Requested Means of Disposal: [	Sell Trade-In Recy	ycle/Trash <sup>—</sup> Other, Explain:	JAN 0 2 2020
Other Information (Serial numb	er, etc.): Model DP32648 Seria	l #B8370937414331	BOONE COUNTY AUDITOR
Condition of Asset: Old			
Reason for Disposition: Works I	out gets very few channels with	nout cable. (No cable in Courthouse	:)
Location of Asset and Desired I	Date for Removal to Storage:	Jonathan Kersha's Prosecutor Office	's Office
	npose restriction and/or requir	cements pertaining to disposal?	
Dept Number & Name: 1261 -	PA Administration	Signature <u>Nonnu (</u>	1 dly
To be Completed by: AUDIT Original Acquisition Date Original Acquisition Amount		G/L Account for Proceeds _/	190-3836-F
Original Funding Source	/		
Account Group			
To be Completed by: COUN	ry commission / cou	NTY CLERK	
Approved Disposal Method:			
Transfer Depart	ment Name	Number	
Locatio	on within Department		
Individ	ual		·····
TradeAu	ictionSealed H	Bids	
Other Explain			
Commission Order Number_	387-2020		
Date Approved	9.1.200		
Signature Conception	Stul		

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BOONE COUNTY	
Request for Disposal/Transfer of County Propert Complete, sign, and return to Auditor's Office	ty
Date: 12/20 Fixed Asset Tag Number: 19158	μ.
Description of Asset: Stihl Trimmer FS56C	
Requested Means of Disposal: 🔀 Sell 🛛 Trade-In 🔲 Recycle/Trash 💭 Other, Explain:	
Other Information (Serial number, etc.):	RECEIVED
Condition of Asset: Fair	JAN 1 3 2020
Reason for Disposition: Replaced with new Trimmer	BOONE COUNTY AUDITOR
Location of Asset and Desired Date for Removal to Storage: North Facility	
Was asset purchased with grant funding? YES NO If "YES", does the grant impose restriction and/or requirements pertaining to disposal? YES If yes, attach documentation demonstrating compliance with the agency's restrictions and/or Uppt Number & Name: Facilities Maintenance Signature	r requirements.
To be Completed by: AUDITOR     5/2/14     G/L Account for Proceeds       Original Acquisition Date	00-3836
Original Acquisition Date G/L Account for Proceeds Original Acquisition Amount Z38.00	5
Original Funding Source Z-784	
Account Group 1604	
To be Completed by: COUNTY COMMISSION / COUNTY CLERK	
Approved Disposal Method:	
Transfer Department NameNumber	
Location within Department	
Individual	
TradeAuctionSealed Bids	
Other Explain	
Commission Order Number 387-2020	
Date Approved	
Signature Complex alling	

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BOONE COUNTY	
Request for Disposal/Transfer of County Pro	operty

Complete, sign, and return to Auditor's Office

Date: 1/2/18 Fixed Asset Tag Number:	5
Description of Asset: Echo backpack blower PB260L	
Requested Means of Disposal: XSell Trade-In Recycle/Trash Other, Explain:	
Other Information (Serial number, etc.):	RECEIVED
Condition of Asset: Fair	JAN 1 3 2020
Reason for Disposition: Replaced	BOONE COUNTY AUDITOR
Location of Asset and Desired Date for Removal to Storage: North Facility	
Was asset purchased with grant funding? YES NO If "YES", does the grant impose restriction and/or requirements pertaining to disposal? If yes, attach documentation demonstrating compliance with the agency's restrictions an	
Dept Number & Name: Facility Maintenance Signature ay VI	illy
To be Completed by: AUDITOR       Image: Augustation Date       Image: Augustation Date       Image: Augustation Date         Original Acquisition Date       Image: Augustation Date       Image: Augustation Date       G/L. Account for Proceeds	1190-3836 F
Original Acquisition Amount	0
Original Funding Source	
Account Group	22
To be Completed by: COUNTY COMMISSION / COUNTY CLERK	
Approved Disposal Method:	
Transfer Department NameNumber	
Location within Department	2=X
Individual	
TradeAuctionSealed Bids	
Other Explain	
Commission Order Number 387-2020	
Date Approved 9.1.20	
Signature Comple allielf	

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BOONE COUNTY	
Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office	у
Date: 1/2/20 Fixed Asset Tag Number: No Tag	(ia)
Description of Asset: Stihl blower/sucker Combo SH86C	
Requested Means of Disposal: 🛛 Sell 🔲 Trade-In 🗌 Recycle/Trash 🗍 Other, Explain:	
	RECEIVED
Condition of Asset: Fair	JAN 1 3 2020
Reason for Disposition: Replaced with new blower	BOONE COLLEY
Location of Asset and Desired Date for Removal to Storage: North Facility	AUDITOR
Was asset purchased with grant funding? YES NO If "YES", does the grant impose restriction and/or requirements pertaining to disposal? YES If yes, attach documentation demonstrating compliance with the agency's restrictions and/or	□NO requirements.
Dept Number & Name: Facility Maintenance (1104) Signature Cary (Mly	<b>∫</b>
To be Completed by: AUDITOR         Original Acquisition Date       N/A       G/L Account for Proceeds	0-3836
Original Acquisition Amount	9
Original Funding Source	
Account Group	
To be Completed by: COUNTY COMMISSION / COUNTY CLERK	
Approved Disposal Method:	
Transfer Department NameNumber	
Location within Department	
Individual	
TradeAuctionSealed Bids	1. H = 17. je H = 5. je
Other Explain Commission Order Number 387-2020	
101.00	
Date Approved	
Signature Complex alliney	

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<b>BOONE COUNTY</b> <b>Request for Disposal/Transfer of County Propert</b> Complete, sign, and return to Auditor's Office	У
Date: 1/13/20 Fixed Asset Tag Number: None	
Description of Asset: Eight blue stackable chairs - no fixed asset tag number found	
Requested Means of Disposal: Sell Trade-In Recycle/Trash Other, Explain:	RECEIVED
Other Information (Serial number, etc.):	JAN 1 4 2020
Condition of Asset: Fair	BOONE COUNTY AUDITOR
Reason for Disposition: No longer needed	
Location of Asset and Desired Date for Removal to Storage: Located in the Community Services stor supplies room - #A109	rage/office
Was asset purchased with grant funding? YES NO If "YES", does the grant impose restriction and/or requirements pertaining to disposal? YES If yes, attach documentation demonstrating compliance with the agency's restrictions and/or	□NO requirements.
Dept Number & Name: 2160 - Community Services Deptrtme Signature Mault Milly	
To be Completed by: AUDITOR         Original Acquisition Date       NIA       G/L Account for Proceeds       1/90 - 3	836 F
Original Acquisition Amount/	
Original Funding Source	
Account Group	
To be Completed by: COUNTY COMMISSION / COUNTY CLERK	
Approved Disposal Method:	
Transfer Department NameNumber	
Location within Department	
Individual	
TradeAuctionSealed Bids	
Other Explain	
Commission Order Number 387-2020	
Date Approved	
Signature Complexity of Asset Disposal - table docy	

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A DELIVERY AND ADDRESS OF

Date: 1/13/20       Fixed Asset Tag Number: None         Description of Asset: Brown table with two small drawers         Requested Means of Disposal: Sell       Trade-In       Recycle/Trash       Other, Explain:       RECEIVED         Other Information (Serial number, etc.):       JAN 1 4 2020         Condition of Asset: Fair       Trade-In       Second to Storage: Located in the Community Services storage/office         Supplies room - #A109       Was asset purchased with grant funding?       YES       NO         If "YES", does the grant impose restriction and/or requirements pertaining to disposal?       YES       NO         If "YES", does the grant impose restriction and/or requirements pertaining to disposal?       YES       NO         If "YES", does the grant impose restriction and/or requirements pertaining to disposal?       YES       NO         If "YES", does the grant impose restriction and/or requirements pertaining to disposal?       YES       NO         Dept Number & Name: 2160 - Community Services Deputtme       Signature       Signature       YES       Signature         Original Acquisition Date
Requested Means of Disposal:       Sell       Trade-In       Recycle/Trash       Other, Explain:       RECEIVED         Other Information (Serial number, etc.):       JAN 1 4 2020       JAN 1 4 2020         Condition of Asset:       Fair       Trade-Serieved         Reason for Disposition:       No longer needed       Series and Desired Date for Removal to Storage:       Located in the Community Services storage/office         Was asset purchased with grant funding?       YES       NO       If "YES", does the grant impose restriction and/or requirements pertaining to disposal?       YES       NO         If "YES", does the grant impose restriction and/or requirements pertaining to disposal?       YES       NO         If was asset purchased with grant funding?       YES       Signature       NO         If was asset purchased with grant funding?       YES       NO       NO         If was asset purchased with grant funding?       G/L Account for Proceeds       1/90-3636         Dept Number & Name:       2160 - Community Services Deptrtme       Signature       1/90-3636         Original Acquisition Date
Other Information (Serial number, etc.):       JAN 1 4 2020         Condition of Asset: Fair       The Community         Reason for Disposition: No longer needed       Intervention         Location of Asset and Desired Date for Removal to Storage: Located in the Community Services storage/office       Storage         Was asset purchased with grant funding?       YES NO         If "YES", does the grant impose restriction and/or requirements pertaining to disposal?       YES NO         If yes, attach documentation demonstrating compliance with the agency's restrictions and/or requirements.       NO         Dept Number & Name: 2160 - Community Services Deptrtme       Signature       Signature         To be Completed by: AUDITOR       MA       G/L Account for Proceeds       1190 - 3636         Original Acquisition Amount
Condition of Asset: Fair Reason for Disposition: No longer needed Location of Asset and Desired Date for Removal to Storage: Located in the Community Services storage/office supplies room - #A109 Was asset purchased with grant funding? YES NO If "YES", does the grant impose restriction and/or requirements pertaining to disposal? YES NO If yes, attach documentation demonstrating compliance with the agency's restrictions and/or requirements. Dept Number & Name: 2160 - Community Services Deptrtme Signature Could for Proceeds 1190 - 3636 Original Acquisition Date
Condition of Asset: Fair Reason for Disposition: No longer needed Location of Asset and Desired Date for Removal to Storage: Located in the Community Services storage/office supplies room - #A109 Was asset purchased with grant funding? [YES [NO] If "YES", does the grant impose restriction and/or requirements pertaining to disposal? [YES [NO] If yes, attach documentation demonstrating compliance with the agency's restrictions and/or requirements. Dept Number & Name: 2160 - Community Services Deptrtme Signature [July] To be Completed by: AUDITOR Original Acquisition Date
Reason for Disposition: No longer needed         Location of Asset and Desired Date for Removal to Storage: Located in the Community Services storage/office         supplies room - #A109         Was asset purchased with grant funding?       YES NO         If "YES", does the grant impose restriction and/or requirements pertaining to disposal?       YES NO         If system documentation demonstrating compliance with the agency's restrictions and/or requirements.         Dept Number & Name: 2160 - Community Services Deptrtme       Signature With Halfy         To be Completed by: AUDITOR       MA         Original Acquisition Date
supplies room - #A109 Was asset purchased with grant funding? YES NO If "YES", does the grant impose restriction and/or requirements pertaining to disposal? YES NO If yes, attach documentation demonstrating compliance with the agency's restrictions and/or requirements. Dept Number & Name: 2160 - Community Services Deptrtme Signature Will Hely <u>To be Completed by: AUDITOR</u> Original Acquisition Date
If "YES", does the grant impose restriction and/or requirements pertaining to disposal? [_YES [_]NO If yes, attach documentation demonstrating compliance with the agency's restrictions and/or requirements. Dept Number & Name: 2160 - Community Services Deptrtme Signature [
To be Completed by: AUDITOR $M/A$ G/L Account for Proceeds $1190 - 3636$ Original Acquisition Date $M/A$ $G/L$ Account for Proceeds $1190 - 3636$ Original Acquisition Amount $M/A$ $G/L$ Account for Proceeds $1190 - 3636$
Original Acquisition Date/ G/L Account for Proceeds70-5636 J Original Acquisition Amount
Original Funding Source
Account Group
To be Completed by: COUNTY COMMISSION / COUNTY CLERK
Approved Disposal Method:
I'ransfer Department NameNumber
Location within Department
Individual
TradeAuctionSealed Bids
Other Explain
Commission Order Number 387-2020
Date Approved r 9.1.20
Signature

Revised: September 2016

Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

Date: 10-10-2019 Description of Asset: Cradlepoint cellu	Fixed Asset Tag Number: NONE lar routers (quantity,10)	RECEIVED
Requested Means of Disposal: 🛛 Sell	Trade-In Recycle/Trash Other, Explain	BOONE COUNTY AUDITOR
Other Information (Serial number, etc.)	): See attached list.	
Condition of Asset: Good.	•	
Reason for Disposition: Units were pur have expired.	rchased in 2014 and replaced in 2019. Support and clo	ud management services
Location of Asset and Desired Date fo	r Removal to Storage: 10-10-2019	
Was asset purchased with grant funding If "YES", does the grant impose If yes, attach documentation d	g? YES NO. restriction and/or requirements pertaining to disposal? lemonstrating compliance with the agency's restrictions	TYES NO and/or requirements. 10/10/2019
Dept Number & Name: 1251 Sheriff ,	/ Enforcement Signature	exander
To be Completed by: AUDITOR Original Acquisition Date	No Data . G/L Account for Proceed	ls 1190-3836 HQ
Original Acquisition Amount		
Original Funding Source		
Account Group		
	OMMISSION / COUNTY CLERK	
Approved Disposal Method:		
Transfer Department l	Name Number	· · · · · · · · · · · · · · · · · · ·
Location with	hin Department	
. Individual		
TradeAuction	Sealed Bids	
Other Explain	3	
Commission Order Number	87-2020	
Date Approved	20	
Signature Complex Ull	neg	

Product Code	Serial Number		
IBR600LP-AT-PWD	MM140350100120		
IBR1100LP6-NA	MM170023300591		
IBR1100LP6-NA	MM180257200784		
IBR600LP-AT-PWD	MM140350100119	٩	
IBR600LP-AT-PWD	MM140307600153		
IBR600LP-AT-PWD	MM140307600157		
IBR600LP-AT-PWD	MM140307600155		
IBR600LP-AT-PWD	MM140307600158		
IBR600LP-AT-PWD	MM140307600152		
IBR600LP-AT-PWD	MM140307600159	<b>X</b> 2	

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Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

		11 NT 1 . 140		RECEIVED
Date: 02-12-2020		Tag Number: 18	0052	FEB 2 4 2020
Description of Asset: AUTOMOTIVE	E LOCKING V	VAULT		
Requested Means of Disposal: 🛛 Sell	Trade-In	Recycle/Tras	h 🗍 Other, Expla	26
Other Information (Serial number, etc.)	): FIU0713008			
Condition of Asset: GOOD			,	2
Reason for Disposition: Unit was "cust	com" for 2013-	2019 Ford PIU's.	Unit will not fit in 2	020+ PIU.
Location of Asset and Desired Date for	r Removal to S	torage: BCSD An	nnex Basement (02-1	2-2020)
Was asset purchased with grant funding If "YES", does the grant impose If yes, attach documentation d	restriction and, emonstrating c	or requirements p compliance with th	pertaining to disposative agency's restriction nature <b>Davi (19</b>	ns and/or requirements.
Dept Number & Name: 1251 Sheriff I	Enforcement	Sig	nature <u>Nav (</u>	D Mexander MCRU
To be Completed by: AUDITOR Original Acquisition Date	10/03/13	G/I	Account for Proce	eds <u>290/-3836</u> F
Original Acquisition Amount/6	00.00	·		
Original Funding Source27	87			
Account Group 160	4		2	
To be Completed by: COUNTY CC	OMMISSION	/ <u>COUNTY CI</u>	LERK	and an and the constitution of the set
Approved Disposal Method:			đ.	
Transfer Department l	Name		Numb	er
Location with	nin Departmen	t		
Individual				
TradeAuction		Sealed Bids		
Other Explain			2 	
Commission Order Number 32	37-202	0		8
Date Approved	1.20			
Signature Com	ulf			

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Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

			<i>w</i>	RECTIMED	
Date: 02-12-2020	Fixed Asset Tag N	lumber: 1935	5	R 3	
Description of Asset: AUTOMOTIVE	ELOCKING VAUL	Г		<b>FEB 2 4 2020</b>	
				BOOK AUDINUK	
Requested Means of Disposal: ⊠Sell	Trade-In Ro	ecycle/Trash	Other, Explai	n:	
Other Information (Serial number, etc.)	: FIU0614002				
Condition of Asset: GOOD				2	
Reason for Disposition: Unit was "cust	om" for 2013-2019 F	ord PIU's. Un	it will not fit in 20	020+ PIU.	
Location of Asset and Desired Date for	r Removal to Storage:	BCSD Anne	x Basement (02-12	2-2020)	
Was asset purchased with grant funding If "YES", does the grant impose a If yes, attach documentation de	estriction and/or req	nce with the a	gency's restriction	s and/or requirements.	
Dept Number & Name: 1251 Sheriff I				D. Alexander 21	12/20
To be Completed by: AUDITOR Original Acquisition Date	1			ds <u>2901-3836</u> F	
Original Acquisition Amount	1600,00		£		
Original Funding Source7	187				
Account Group	34				
To be Completed by: COUNTY CC	MMISSION / CC	UNTY CLE	<u>RK</u>		
Approved Disposal Method:					
Transfer Department N	Name		Numbe	ť	
Location with	in Department				
Individual					
TradeAuction	Seale	d Bids			
Other Explain					
Commission Order Number 38	7-2020	<u>-</u>			
Date Approved	1.20	5			
Signature Vonuster	will				

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	BOONE (	OUNTY	
Request f	or Disposal/Tra Complete, sign, and re	nsfer of County turn to Auditor's Office	Property
Date: 2-22-20	Fixed Asset Tag N	Jumber: 09466	
Description of Asset: Cree	en table	14	u.
Requested Means of Disposal:	⊠Sell □Trade-In □R	ecycle/Trash Dther, E	xplain: <b>RECEIVED</b>
Other Information (Serial num	ber, etc.):		FEB 2 4 2020
Condition of Asset: Good			BOONE COUNTY AUDITOR
Reason for Disposition: No	longer needed	A.	ACDITOR .
Location of Asset and Desired	Date for Removal to Storage	: Sheriff Annex loading do	ck
If yes, attach documer	impose restriction and/or re- ntation demonstrating compli	ance with the agency's restric	ctions and/or requirements.
Dept Number & Name: 125	1 Sheriff Opentry	Signature /	71100
To be Completed by: AUDI Original Acquisition Date	TOR 6/30/95	G/L Account for Proceed	ds
Original Acquisition Amount	214.46		- 
Original Funding Source	2782		
Account Group	1602		
To be Completed by: COUN	NTY COMMISSION / C	OUNTY CLERK	
Approved Disposal Method:			
Transfer Depa	artment Name	Nu	umber
Loca	tion within Department		<u>.</u>
Indiv	vidual		
Trade	AuctionSeal	ed Bids	
Other Explain			- K.
Commission Order Numbe	387-2020	-	
Date Approved	9.1.20	-	
Signature	aturly		

Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

Date: 2-22-20	Fixed Asset Tag Number: N/A	
Description of Asset: Small silver safe M	Aeilink brand on wheels	
Requested Means of Disposal: 🛛 Sell [	Trade-In Recycle/Trash Other, Explain:	
Other Information (Serial number, etc.): 2	225119	RECEIVED
Condition of Asset: Fair		FEB 2 4 2020
Reason for Disposition: not needed and o	combination is not known	BOOME COUNTY AUDITOR
Location of Asset and Desired Date for H	Removal to Storage: Sheriff Annex loading dock	
Was asset purchased with grant funding? If "YES", does the grant impose res If yes, attach documentation den	striction and/or requirements pertaining to disposal? nonstrating compliance with the agency's restrictions a	]YES []NO nd/or requirements.
Dept Number & Name: 1251 Sheriff Op	perations Signature	/Jun
To be Completed by: AUDITOR Original Acquisition Date/	V/A G/L Account for Proceeds	190-3836 F
Original Acquisition Amount	/	
Original Funding Source/	MISSION / CO Was down town.	
Account Group	moved from sheriff's Office	2
To be Completed by: COUNTY COM	IMISSION / CO When Shown town.	1
Approved Disposal Method:	No one Know's Con	nbo
Transfer Department Na	ume G	ary
Location within	Department	
Individual		2
TradeAuction	Sealed	
Other Explain	0.20	9
Commission Order Number <u>387</u>	- 2020	
Date Approved		
Signature	vuj	

Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

Date: 2-22-20	Fixed Asset	Tag Number: 1955	2	
Description of Asset: LCOA Equalizer	Deadstop ball	istic shieldexpired		
Requested Means of Disposal: Sell	Trade-In	Recycle/Trash	⊠Other, Expla	in: To be destroyed
Other Information (Serial number, etc.)	: DD82		10	DEOFILIER
Condition of Asset: Fair				RECEIVED
Reason for Disposition: Expired ballist	ic protection	15		FEB 2 4 2020
Location of Asset and Desired Date for	r Removal to S	torage: Sheriff Adm	in Building	AUDITOR
Was asset purchased with grant funding If "YES", does the grant impose r If yes, attach documentation de	estriction and/	or requirements per ompliance with the a	gency's restriction	is and/or requirements.
Dept Number & Name: 1251 Sheriff			ture / Jam	1/2000
To be Completed by: AUDITOR Original Acquisition Date			nt for Proceeds _	2901-3836 -
Original Acquisition AmountZ	4806.25			
Original Funding Source Z78	7			
Account Group /604				
To be Completed by: COUNTY CO	MMISSION	/ <u>COUNTY CLE</u>	<u>RK</u>	
Approved Disposal Method:				
Transfer Department N	Vame		Numbe	er
Location with	in Departmen	t		
Individual				
TradeAuction		_Sealed Bids		
Other Explain				
Commission Order Number 38	7-2020	)		
Date Approved	1.20			
Signature Complete	wilf			

Request for Disposal/Transfer of County Proper Complete, sign, and return to Auditor's Office	erty
Date: 2-22-20 Fixed Asset Tag Number: N/A	
Description of Asset: Small 2 dramer filing cabinet	
Requested Means of Disposal: Sell Trade-In Recycle/Trash Other, Explain:	-
Other Information (Serial number, etc.):	RECEIVED
Condition of Asset: Fair	FEB 2 4 2020
Reason for Disposition: No longer needed, top drawer sags	BOUME COUNTY AUDITOR
Location of Asset and Desired Date for Removal to Storage: Sheriff Annex loading dock	
Was asset purchased with grant funding? YES MO If "YES", does the grant impose restriction and/or requirements pertaining to disposal? Y If yes, attach documentation demonstrating compliance with the agency's restrictions and	or requirements.
Dept Number & Name: 1251 Sher, H Signature Jump/o	Jun
To be Completed by: AUDITOR         Original Acquisition Date       MA         G/L Account for Proceeds       1/90	0-3836-7-
Original Acquisition Amount	2
Original Funding Source	
Account Group	
To be Completed by: COUNTY COMMISSION / COUNTY CLERK	
Approved Disposal Method:	
Transfer Department NameNumber	
Location within Department	
Individual	
TradeAuctionSealed Bids	
Other Explain	×
Commission Order Number 387-2020	
Date Approved 9.1.20 Signature	

<b>BOONE COUNTY</b>
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Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

		-	RECEIVED
Date: 03/09/2020	Fixed Asset Tag Numb	137	MAR 1 1 2020
Description of Asset: Metal Filing C	labinet		BOONE COUPLY AUDITOR
Requested Means of Disposal: Sell	Trade-In Recyc	le/Trash 🛛 Other, Explain: Sur	plus
Other Information (Serial number, et	ж.):		5
Condition of Asset: Fair			te -
Reason for Disposition: No longer n	eeded	20	
Location of Asset and Desired Date	for Removal to Storage: Ac	ccess Underground Storage: 2604	N Stadium Blvd
Was asset purchased with grant fundi If "YES", does the grant impose If yes, attach documentation	e restriction and/or require	ments pertaining to disposal?	ES []NO of requirements.
Dept Number & Name: 1221		Signature	<u>siee</u>
To be Completed by: AUDITOR Original Acquisition Date			1190-3836 T
Original Acquisition Amount	200.00		2
Original Funding Source	2731		
Account Group 16	502		
To be Completed by: COUNTY (	COMMISSION / COUN	ITY CLERK	
Approved Disposal Method:			
Transfer Departmen	t Name	Number	
Location w	ithin Department		
Individual_			
TradeAuctio	nSealed Bi	ds	
Other Explain	- F		
Commission Order Number_3	57-2020		
Date Approved	<u> <u> </u></u>		
Signature	ang		

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Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

	Gomprois, 16.1, and 101111		- Juni	RECEIVE
Date: 03/09/2020	Fixed Asset Tag Num	ber: 1962		MAR 1 1 2020
Description of Asset: Metal Filing Ca	binet			BOONE COUNT AUDITOR
Requested Means of Disposal: Sell	Trade-In Recyc	le/Trash	⊠Other, Explain: Surplu	IS
Other Information (Serial number, etc.	):			
Condition of Asset: Fair				
Reason for Disposition: No longer nee	ded			
Location of Asset and Desired Date fo	r Removal to Storage: Ac	cess Unde	erground Storage: 2604 N	Stadium Blvd
Was asset purchased with grant funding If "YES", does the grant impose If yes, attach documentation d Dept Number & Name: 1221	restriction and/or require	ments pert with the ap Signati	gency's restrictions and/or	DO requirements.
To be Completed by: AUDITOR Original Acquisition Date	2 V			0-3836 F
Original Acquisition Amount	\$ 150.00			)
Original Funding Source				
Account Group /	602			
To be Completed by: COUNTY CO	MMISSION / COUN	TY CLE	RK	
Approved Disposal Method:				
Transfer Department I	Name		Number	
Location with	in Department			()
Individual				
TradeAuction	Sealed Bio	ds		
Other Explain				
Commission Order Number	1-2020	× .		
Date upproved	-20			
Signature Comple alter	ilf			

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BOONE	COUNTY

Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

		RECEIVED
Date: 03/09/2020	Fixed Asset Tag Number: 032	760 MAR 1 1 2020
Description of Asset: Metal Filing Ca	binet	BOONE COUNTY AUDITOR
Requested Means of Disposal: Sell	Trade-In Recycle/Trash	Other, Explain: Surplus
Other Information (Serial number, etc.)	):	
Condition of Asset: Fair		142
Reason for Disposition: No longer nee	ded	
Location of Asset and Desired Date for	r Removal to Storage: Access Un	derground Storage: 2604 N Stadium Blvd
If yes, attach documentation de Dept Number & Name: 1221	restriction and/or requirements pe emonstrating compliance with the Sign	agency's restrictions and/or requirements.
To be Completed by: AUDITOR Original Acquisition Date		Account for Proceeds
Original Acquisition Amount2	-00.60	
Original Funding Source Z7	31	
Account Group 1602	<u>}</u>	
To be Completed by: COUNTY CO	MMISSION / COUNTY CL	ERK
Approved Disposal Method:	2	
Transfer Department I	Name	Number
Location with	in Department	
Individual		
TradeAuction	Sealed Bids	
Other Explain		
Commission Order Number3	17-2020	
Date Approved fr 6 9	6.201	
Signature Complete all	wif	

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Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

·	1,2,			RECEIVED
Date: 03/09/2020	Fixed Asset	Tag Number: 1964	ł	MAR 1 1 2020
Description of Asset: Metal Filing Ca	binet			BOONE COUNTY AUDITOR
Requested Means of Disposal: Sell	Trade-In	Recycle/Trash	🛛 Other, Explain: Su	rplus
Other Information (Serial number, etc.	):			
Condition of Asset: Fair				<u>.</u>
Reason for Disposition: No longer nee	ded			
Location of Asset and Desired Date fo	r Removal to S	torage: Access Und	erground Storage: 2604	N Stadium Blvd
Was asset purchased with grant funding If "YES", does the grant impose If yes, attach documentation d Dept Number & Name: 1221	testriction and/ emonstrating c	or requirements per ompliance with the a Signat	gency's restrictions and	of requirements.
To be Completed by: AUDITOR Original Acquisition Date				
Original Acquisition Amount	100.00			
Original Funding Source273	51			
Account Group 1602				
To be Completed by: COUNTY CO	MMISSION	/ COUNTY CLE		
Approved Disposal Method:				
Transfer Department l	Name		Number	
Location with	in Department	;		
Individual			24	
TradeAuction		_Sealed Bids		
Other Explain				
Commission Order Number 3	87-202	0		
Date Approved fr 9.	1:301			
Signature Comple all	ilf			

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Access Barcode	Boone County Tag Number
025070	1935
025071	1962
025072	03760
025073	1964

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Boone County Circuit Clerk's file cabinets are in the Vaulted area located at the underground storage - 2604 N Stadium Blvd. (Columbia Ready Mix/Boone Quarries)

BOON	E COI	JNT	Y	2
				perty
Complete, sign	i, and return to 2	Auditor's Q	ffice	RECEIVED
Fixed Asse	t Tag Number	: NA		MAR 1 1 2020
at you stack of	n counter top			BOOME COLMAN AULATER
[]Trade-In	[]Recycle/	Trash	Other, Explain:	Surplus
.):				
eded				
or Removal to a at their earlies	Storage: Roon at convenience	n located e.	behind 2 South Co	ourtroom. It will be
restriction and	/or requireme	ents pertain th the age	ning to disposal?	]YES []NO nd/or requirements.
		Signatur	100	W Lee
NIA		G/L Acc	ount for Proceeds	<u> 1190-3836</u> -F
		3		
1				
<u>v</u>				9 11 10 15 16 16 16 16 16 16 16 16 16 16 16 16 16
Name			Number	
hin Departmer	1t			
	Sealed Bids			31°
37-2020	5			
1.20	2			
rtu sand to UE	THER ACTO	N\Fixed Ac	set Disnosal 2017 d	ocx
	isposal/ Complete, sign Fixed Asse at you stack on Trade-In ): eded or Removal to S at their earlies g? []YES restriction and lemonstrating of MMISSION Name	isposal/Transfe Complete, sign, and return to Fixed Asset Tag Number at you stack on counter top Trade-In Recycle/ .): eded or Removal to Storage: Roor at their earliest convenience g? TYES NO restriction and/or requirement lemonstrating compliance wi <u>M/A</u> <u>M/A</u> <u>DMMISSION / COUNT</u> Name hin Department Sealed Bids	isposal/Transfer of C         Complete, sign, and return to Auditor's O         Fixed Asset Tag Number: NA         at you stack on counter top         □Trade-In         □Recycle/Trash         >:         eded         or Removal to Storage: Room located         at their earliest convenience.         g?         □YES         Signature	at you stack on counter top  Trade-In Recycle/Trash Other, Explain:  cded  for Removal to Storage: Room located behind 2 South Count for Proceeds  g? YES NO restriction and/or requirements pertaining to disposal?  MMA G/L Account for Proceeds  G/L Account for Proceeds  Mame Number  hin Department

Revised: September 2016

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Request for Disposal/	E COUNTY Transfer of County Property a, and return to Auditor's Office
Date: 03/10/2020 Fixed Asset	t Tag Number: NA
	MAR 1 1 2020
Description of Asset: Snead Labels, Rubber Stamps	BOONE COUNTY AUDITOR
Requested Means of Disposal: Sell Trade-In	Recycle/Trash ØOther, Explain: Surplus
Other Information (Serial number, etc.):	
Condition of Asset: Good	
Reason for Disposition: No longer used	
Location of Asset and Desired Date for Removal to S been marked with Yellow Card Stock (SURPLUS).	Storage: Room behind 2 South Courtroom, all items have
Was asset purchased with grant funding? YES If "YES", does the grant impose restriction and, If yes, attach documentation demonstrating c	NO /or requirements pertaining to disposal? [YES ]NO compliance with the agener's restrictions and/or requirements.
Dept Number & Name: Dept 1221	Signature Stelle Hee
To be Completed by: AUDITOR Original Acquisition Date	G/L Account for Proceeds 1190-3836
Original Acquisition Amount/	
Original Funding Source	
Account Group	
To be Completed by: COUNTY COMMISSION	COUNTY CLERK
Approved Disposal Method:	
· · · · ·	Number
Location within Departmen	it
Individual	
TradeAuction	Sealed Bids
Other Explain	
Commission Order Number_ 387-2020	<i>0</i>
Date Approved 9.1.20	
Signature Com	
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	BOONE CO	DUNTY	
Request for I	Disposal/Tran	sfer of County	Property
-	Complete, sign, and retur	m to Auditor's Office	RECEIVED
Date: 03/09/2020	Fixed Asset Tag Nu	mber: NA	MAR 1 1 2020
Description of Asset: Older Woode	en Desk		BOONE COUNTY AUDITOR
Requested Means of Disposal: 🔲 Se	ell 🗌 Trade-In 🔲 Rec	ycle/Trash 🛛 Other, Es	xplain: Surplus
Other Information (Serial number,	etc.):		
Condition of Asset: Fair			
Reason for Disposition: No longer	needed		
Location of Asset and Desired Date marked as Surplus for FM to pick			outh Courtroom. It will be
Was asset purchased with grant fund If "YES", does the grant impo If yes, attach documentation Dept Number & Name: 1221	se restriction and/or requi n demonstrating complian	rements pertaining to dispo the with the agency's restrict Signature	osal? YES NO tions and/or requirements.
To be Completed by: AUDITOR Original Acquisition Date	NIA	G/L Account for Pro	oceeds <u>1190-3836</u> F
Original Acquisition Amount			•
Original Funding Source		<u>*</u>	
Account Group	VP		
To be Completed by: COUNTY			
Approved Disposal Method:			
Transfer Departme	nt Name	Nur	nber
Location v	vithin Department	. <u> </u>	
Individual			· · · · · · · · · · · · · · · · · · ·
TradeAuctio	onSealed	Bids	
Other Explain			
Commission Order Number	387-2020		
Date Approved	9.1.20		

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Signature\_

BOONE COUNTY			
Request for Disposal/Transfer of County Pr Complete, sign, and return to Auditor's Office	coperty		
Date: 3/4/2020 Fixed Asset Tag Number:			
Description of Asset: 1/2×23/2×47 Safty 5/255			
Requested Means of Disposal: Sell Trade-In Recycle/Trash Other, Expla	ain:		
Other Information (Serial number, etc.):	RECEIV		
Condition of Asset: New	MAD A 5 2020		
Reason for Disposition: Was not the correct size	MAR 0 5 2020		
Location of Asset and Desired Date for Removal to Storage: $JJC \cdot Shop$			
Was asset purchased with grant funding? YES NO If "YES", does the grant impose restriction and/or requirements pertaining to disposa If yes, attach documentation demonstrating compliance with the agency's restriction Dept Number & Name: JJC 1242 Signature	1? [YES ]NO 15 and/or requirements. VARL		
Dept Number & Name: JJC 1242 Signature			
To be Completed by: AUDITOR Original Acquisition Date O/A G/L Account for Proceeds	1190-3836 -		
Original Acquisition Amount	U		
Original Funding Source			
Account Group			
To be Completed by: COUNTY COMMISSION / COUNTY CLERK			
Approved Disposal Method:			
Transfer Department NameNumber	er		
Location within Department			
Individual			
TradeAuctionSealed Bids			
Other Explain			
Commission Order Number 387-2620			
Date Approved 9.1.20	2		
Signature_ Complex attailf			

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BOONE COUNTY	
Request for Disposal/Transfer of County P Complete, sign, and return to Auditor's Office	roperty
Date: 3/4/2020 Fixed Asset Tag Number: N/A	
Description of Asset: Single drawer letter Sile cabenit	
Requested Means of Disposal: Sell Trade-In Recycle/Trash Other, Exp	olain:
Other Information (Serial number, etc.):	RECEIVED
Condition of Asset: Good	MAR 0 5 2020
Reason for Disposition: Not needed	AJONOR
Location of Asset and Desired Date for Removal to Storage: 5JC Shop	
Was asset purchased with grant funding? YES XNO If "YES", does the grant impose restriction and/or requirements pertaining to dispos If yes, attach documentation demonstrating compliance with the agency's restriction	sal? YES NO
Dept Number & Name: 13,42 JTC Signature	29ph
To be Completed by: AUDITOR Original Acquisition Date N/A G/L Account for Proceeds	_1190-3836-F
Original Acquisition Amount	
Original Funding Source	3
Account Group	
To be Completed by: COUNTY COMMISSION / COUNTY CLERK	
Approved Disposal Method:	
Transfer Department NameNum	ber
Location within Department	· · · · · · · · · · · · · · · · · · ·
Individual	
TradeAuctionSealed Bids	
Other ExplainOther	
Commission Order Number <u>387-2020</u>	
Date Approved real and real an	
Signature Complex alticity	

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Request for Disposal/Transfer of County Prop Complete, sign, and return to Auditor's Office	perty
Date: 3-5-2020 Fixed Asset Tag Number: 10/8/	р.
Description of Asset:   Hon blue office chair	
Requested Means of Disposal: Sell Trade-In Recycle/Trash Other, Explain:	
Other Information (Serial number, etc.):	RECEIVED
Condition of Asset: Poor	MAR 0 6 2020
Condition of Asset: Poor Reason for Disposition: replaced	BOONE COUNTY AUDITOR
Location of Asset and Desired Date for Removal to Storage: JJC Sally port	
Was asset purchased with grant funding? YES NO If "YES", does the grant impose restriction and/or requirements pertaining to disposal? If yes, attach documentation demonstrating compliance with the agency's restrictions at	]YES []NO nd/or requirements.
Dept Number & Name: 1242-JJC Signature Studier	14
<u>To be Completed by: AUDITOR</u> Original Acquisition Date 3/27/95 G/L Account for Proceeds/	190-3836 F
Original Acquisition Amount196.90	
Original Funding Source 2782	
Account Group 1602	
To be Completed by: COUNTY COMMISSION / COUNTY CLERK	
Approved Disposal Method:	
Transfer Department NameNumber	
Location within Department	
Individual	
TradeAuctionSealed Bids	
Other Explain	
Commission Order Number	
Date Approved F 9.1.20	
Signature	

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**BOONE COUNTY** Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office 12883 Date: 2-22-20 Fixed Asset Tag Number: Description of Asset: Red rolling chair Other, Explain: Requested Means of Disposal: 🛛 Sell Trade-In Recycle/Trash

RECEIVED

FEB 2 5 2020

BOONE COUNTY AUDITOR

Other Information (Serial number, etc.):

Condition of Asset: Poor

Reason for Disposition: No longer needed + not usable

Location of Asset and Desired Date for Removal to Storage: Sheriff Annex loading dock

Was asset purchased with grant funding? [YES [NO

If "YES", does the grant impose restriction and/or requirements pertaining to disposal? YES NO If yes, attach documentation demonstrating compliance with the agency's restrictions and/or requirements.

Dept Number & Name: 1251 Shori & O	periting Signature / hung / hung
To be Completed by: AUDITOR Original Acquisition Date Z/23/01	G/L Account for Proceeds
Original Acquisition Amount / 50.00	
Original Funding Source 2731	e e e e e e e e e e e e e e e e e e e
Account Group 160 Z	
To be Completed by: COUNTY COMMISSION	/ <u>COUNTY CLERK</u>
Approved Disposal Method:	1
Transfer Department Name	Number
Location within Department Individual	z
TradeAuction	_Sealed Bids
Other Explain	2
Commission Order Number 387-2020	
Date Approved 9.1.20 Signature United	<b></b>

Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

Date: 04/01/20	Fixed Asset Tag N	umber: NO TAG	-OBSOLETE	RECEIVED
Description of Asset: OUTDR WARN				APR 0 2 2020
Description of Asset. OO IDIC WINC				BOONE COUNTY
Requested Means of Disposal: Sell	□Trade-In ⊠Re	ecycle/Trash	Other, Explain:	AUDITOR
Other Information (Serial number, etc.)	: TO BE DISMANT	LED AND RECY	CLED BY OUR VE	ENDOR
Condition of Asset: OBSOLETE				
Reason for Disposition: OUT OF SER	VICE-CAN NO LON	NGER AQUIRE P	ARTS FOR REPAI	RS
Location of Asset and Desired Date for 03/18/20	r Removal to Storage:	#36-HALLSVIL	LE CITY HALL PA	RKING LOT
Was asset purchased with grant funding If "YES", does the grant impose If yes, attach documentation de	estriction and/or requ	uirements pertainin nce with the agenc	ng to disposal? □YE y's restrictions and/c	S DNO
Dept Number & Name: 2702 EMERO	ENCY MGMT	Signature _	Min P	elley
To be Completed by: AUDITOR Original Acquisition Date	N/A	G/L Account fo	r Proceeds/90	-3836 F
Original Acquisition Amount				
Original Funding Source(	$\downarrow$			
Account Group	<i>Y</i>			
To be Completed by: COUNTY CC	MMISSION / CC	UNTY CLERK		
Approved Disposal Method:				
Transfer Department I	Name		Number	
Location with	in Department			
Individual				
TradeAuction	Seale	d Bids		
Other Explain				
Commission Order Number3	87-2020			
Date Approved	1.1.20			
Signature Domy Vie U	A aget Disposed door	-		
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Revised: September 2016

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Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

Date: 06/08/2020	Fixed Asset T	ag Number:	18183		RECEIV	/ED
Description of Asset: Chain Saw					JUN 0 8 2	2020
Requested Means of Disposal: Sell	Trade-In	⊠Recycle/Tr	ash 🗍O	ther, Explain:	BOONE COU AUDITO	YTN R
Other Information (Serial number, etc.):	SN: 175627857	7				
Condition of Asset: Poor						
Reason for Disposition: Saw is missing p	parts and engine	e is not repaira	ble.			
Location of Asset and Desired Date for	Removal to Sto	orage: NA	s			
Was asset purchased with grant funding If "YES", does the grant impose re If yes, attach documentation de	estriction and/o	r requirement				
Dept Number & Name: 2040 Road & I	Bridge	S	ignature 🔟	Arey 1		
To be Completed by: AUDITOR Original Acquisition Date	11/08/12	G	/L Account	for Proceeds _	2040-38365	
Original Acquisition Amount	548,99				-	
Original Funding Source2	741					
Account Group /604						
To be Completed by: COUNTY CO	MMISSION /	<u>COUNTY</u>	CLERK		*******	
Approved Disposal Method:						
Transfer Department N	ame			Number		
Location withi	n Department_					
Individual						
TradeAuction	{	Sealed Bids		ų.		
Other Explain						
Commission Order Number32	37-2020					
Date Approved	1.20					
Signature_ Comy La	will					

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Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

	Complete, sign, and return to Auditor	RECEIVED
Date: 06-09-20	Fixed Asset Tag Number: 2063	JUN 1/1 2020
Description of Asset: AVTEC OUTPO	OST-2R	BOONE COUNTY AUDITOR
Requested Means of Disposal: Sell WARRNTY REPLACEMENT	Trade-In Recycle/Trash	Other, Explain: RETURNED FOR
Other Information (Serial number, etc.)	): sn 9167665020	
Condition of Asset: not working		
Reason for Disposition: Warranty Repl	acement	
Location of Asset and Desired Date for	r Removal to Storage: returned to	manufacturere for replacement
If yes, attach documentation d	restriction and/or requirements per emonstrating compliance with the r	taining to disposal? TYES NO agency's restrictions and/or requirements. ture Jut Dune 6/9/20
Dept Number & Name: 2704 Joint Co		the ful saver 6/1/20
To be Completed by: AUDITOR         Original Acquisition Date         Original Acquisition Amount         Original Funding Source	12/5/16 G/LA	Account for Proceeds 2704-58365
Original Acquisition Amount2	2,212,62	
Original Funding Source	2790	
	03	
To be Completed by: COUNTY CO	MMISSION / COUNTY CLE	<u>ERK</u>
Approved Disposal Method:		
Transfer Department l	Name	Number
Location with	nin Department	
Individual		
TradeAuction	Sealed Bids	
Other Explain		
Commission Order Number32	87-2020	
Date Approved Signature	in the second se	

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# **BOONE COUNTY** Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

Date: 8/10/20	Fixed Asset Tag Number: 065	25
Description of Asset: Desk Chair		
Requested Means of Disposal: Sell Other Information (Serial number, etc.):	∐Trade-In ⊠Recycle/Trash	Other, Explain: <b>RECEIVED</b>
Condition of Asset: Broken		AUG 1 3 2020 BOONE COUNTY AUDITOR
Reason for Disposition: Cannot use; not	safe	
Location of Asset and Desired Date for	Removal to Storage: Voter Regi	stration back room
Was asset purchased with grant funding If "YES", does the grant impose re If yes, attach documentation der	striction and/or requirements pe monstrating compliance with the	agency's restrictions and/or requirements.
Dept Number & Name: 1132 Election		ature B-55
To be Completed by: AUDITOR Original Acquisition Date		Account for Proceeds
Original Acquisition Amount	156.95	
Original Funding Source Z	73/	
Account Group	)2	
To be Completed by: COUNTY CO	MMISSION / COUNTY CL	ERK
Approved Disposal Method:		
Transfer Department N	ame	Number
Location withi	n Department	
Individual		
TradeAuction	Sealed Bids	
Other Explain		
Commission Order Number 38	7-2020	
Date Approved 9.1.	20	
Signature Com		

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BOONE COUNTY			
Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office			
Date: 07/27/20 Fixed Asset Tag Number: NONC			
Description of Asset: Small desk			
Requested Means of Disposal: Sell Trade-In Recycle/Trash To Other, Explain: faster to suplus			
Other Information (Serial number, etc.): RECEIVED			
Condition of Asset: Good Reason for Disposition: NO longer needed for my office JUL 27 2020 BRONE COUNTY			
Location of Asset and Desired Date for Removal to Storage: as soon as possible			
Was asset purchased with grant funding? YES XNO If "YES", does the grant impose restriction and/or requirements pertaining to disposal? YES NO If yes, attach documentation demonstrating compliance with the agency's restrictions and/or requirements.			
Dept Number & Name: BCSD, Hearth Chin #561, Signature Aleatth O-#5617			
To be Completed by: AUDITOR       IIA       G/L Account for Proceeds       II90-3836         Original Acquisition Date       G/L Account for Proceeds       G/L Account for Proceeds			
Original Acquisition Amount			
Original Funding Source			
Account Group			
To be Completed by: COUNTY COMMISSION / COUNTY CLERK			
Approved Disposal Method:			
Transfer Department NameNumber			
Location within Department			
Individual			
TradeSealed Bids			
Other Explain			
Commission Order Number 387-2020			
Date Approved 9.1.20			
Signature_ Complez atuilf			

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Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

2			
Date: 7-3-20	Fixed Asset Tag 1	Number: NA	
Description of Asset: Large Wo	ooden Desk		
Requested Means of Disposal: [	Sell Trade-In R	ecycle/Trash Other,	Explain:
Other Information (Serial numb	er, etc.):		RECEIVED
Condition of Asset: Good			JUL 06 2020
Reason for Disposition: No long	ger needed		BOONE COUNTY AUDITOR
Location of Asset and Desired I	Date for Removal to Storage	e: County Surplus	8
Was asset purchased with grant If "YES", does the grant in If yes, attach document	noose restriction and/or re-	quirements pertaining to d	isposal? YES NO trictions and/or requirements.
Dept Number & Name: 1251 S	heriff		
To be Completed by: AUDIT Original Acquisition Date Original Acquisition Amount Original Funding Source Account Group		G/L Account for Proc	eeds <u>1190-3836</u> 5
To be Completed by: COUN	TY COMMISSION / C	OUNTY CLERK	2. 2.
Approved Disposal Method:	λi.		
×.	tment Name		
	on within Department	12	÷ ĝ
Indivi			
(h)	uctionSea	led Bids	
Other Explain	287-0000	· · · ·	*
Commission Order Number	387-2020		
Date Approved	Auto		10
Signature Downy Via	incong	· · ·	

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#### BOONE COUNTY equest for Disposal/Transfer of County Property

Request for Disposal/ Transfer of	
Complete, sign, and return to Auditor	RECEIVED
Date: 7-7-20 Fixed Asset Tag Number: //0	DI JUL 0 8 2020
Description of Asset: Rectangular folding table	BOONE COUNTY AUDITOR
Requested Means of Disposal: Sell Trade-In Recycle/Trash	Dother, Explain: . No longer Needed
Other Information (Serial number, etc.):	q
Condition of Asset: Very good	
Reason for Disposition:	<u>i</u>
Location of Asset and Desired Date for Removal to Storage: 210 God	vernment Blog.
Was asset purchased with grant funding? YES NO If "YES", does the grant impose restriction and/or requirements per If yes, attach documentation demonstrating compliance with the	taining to disposal? YES NO agency's restrictions and/or requirements.
Dept Number & Name: 1126 Carry Canedos Signa	ture A Klocen
	unt for Proceeds <u>1190-3836</u> 5
Original Acquisition Amount 119.25	
Original Funding Source 2731	
Account Group 1602	
To be Completed by: COUNTY COMMISSION / COUNTY CLE	ERK
Approved Disposal Method:	
Transfer Department Name	Number
Location within Department	
Individual	· · · · · · · · · · · · · · · · · · ·
TradeAuctionSealed Bids	
Other Explain	
Commission Order Number 387-2020	
Date Approved 9.1.20 Signature	

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# **BOONE COUNTY** Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

Date: 07-10-20	Fixed Asset	Tag Number: 0541	1	
Description of Asset: Ty	pewriter			
Requested Means of Disp	oosal: 🛛 Sell 🗌 Trade-In	[]]Recycle/Trash	Other, Explain:	
Other Information (Seria	number, etc.):			RECEIVED
Condition of Asset: fair				JUL 1 0 2020
Reason for Disposition: 1	Not in use			BOONE COUNTY AUDITOR
Location of Asset and De	esired Date for Removal to St	orage: County Clerk	s's Office	
If "YES" does the	grant funding? YES grant impose restriction and/oumentation demonstrating co	or requirements pert	aining to disposal? [ gency's restrictions a	YES NO
Dept Number & Name:		Signat	ure <u>167</u>	s-
To be Completed by: A Original Acquisition Date		6 G/L Accou	nt for Proceeds <u>/</u>	190-3836 <u>5</u>
Original Acquisition Ame	ount 984. 20	f		
Original Funding Source	2731			
Account Group	1601			a) 7
To be Completed by: (	COUNTY COMMISSION	/ COUNTY CLE	<u>RK</u>	
Approved Disposal Meth	lod:			
Transfer	Department Name		Number_	
	Location within Department			
	Individual			
Trade	Auction	_Sealed Bids		
Other Expl	ain			
Commission Order Nu	mber 387-2020	c		
Date Approved	10 4.1.20			
Signature	Data\Local\Microsoft\Window		Outlook & IVCDAAV	Fived Asset
C:\Users\mcthompson\Ap	opata/Local/Witcrosoft/windov	vs/invercache/Content	OUTION AT LCKOON	u incu maadt

:\Users\mcthomps Disposal.docx Revised: September 2016

# **BOONE COUNTY** Request for Disposal/Transfer of County Property

Complete, sign, and return to Auditor's Office

Date: 06-17-2020	Fixed Asset Tag N	Jumber: 193	51	
Description of Asset: Automotive Loc	king Vault			
Requested Means of Disposal: 🛛 Sell	Trade-In R	ecycle/Trash	Other, Explain:	
Other Information (Serial number, etc.)	): FIU0614007			RECEIVED
Condition of Asset: Fair				JUN 2 5 2020
Reason for Disposition: Vault does not	fit in new Ford Inter	rceptor Utility	(2020+)	BOONE COUNTY AUDITOR
Location of Asset and Desired Date fo	r Removal to Storage	: BCSD anne	x basement garage bay	
Was asset purchased with grant funding If "YES", does the grant impose If yes, attach documentation d	restriction and/or req	uirements per ance with the s	taining to disposal?	YES NO d/or requirements.
Dept Number & Name: 1251 Sheriff I	Enforcement	Signa	ture <b>Havel Ull</b>	2 yanles 6-17-202
To be Completed by: AUDITOR Original Acquisition Date	8/6/14	G/L/	Account for Proceeds _	2901-3836 J
Original Acquisition Amount	00.00			
Original Funding Source27	87			
Account Group 1604				
To be Completed by: COUNTY CO	MMISSION / CO	DUNTY CLE	ERK	
Approved Disposal Method:				
Transfer Department ]	Name		Number	
Location with	nin Department			
Individual				
TradeAuction	Seale	ed Bids		
Other Explain				
Commission Order Number_38	7-2020			
Date Approved	1.1:291	-21		
Signature Comple da	til			

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# **BOONE COUNTY** Request for Disposal/Transfer of County Property

Complete, sign, and return to Auditor's Office

Date: 06-17-2020	Fixed Asset Tag Number: 348	
Description of Asset: Metal cabinet		3
Requested Means of Disposal: 🔀 Sell		<i>\</i>
Other Information (Serial number, etc	: Shaw-Walker (34"W, 27"D, 40"T	
Condition of Asset: Fair	40 , 70	RECEIVED
Reason for Disposition: No longer use	eful	JUN 2 5 2020
Location of Asset and Desired Date for	or Removal to Storage: BCSD annex basement garage bay	BOONE COUNTY AUDITOR
If yes, attach documentation of	restriction and/or requirements pertaining to disposal?	or requirements.
Dept Number & Name: 1251 Sheriff	Enforcement Signature David ItleXa	nder mind 20
To be Completed by: AUDITOR Original Acquisition Date	10/11/83 G/L Account for Proceeds	1190-3836 5
Original Acquisition Amount	0.00	
Original Funding Source273	1	
Account Group 1602		
To be Completed by: COUNTY C	OMMISSION / COUNTY CLERK	
Approved Disposal Method:		
Transfer Department	NameNumber	
Location wit	hin Department	()
Individual		
TradeAuction	Sealed Bids	
Other Explain		
Commission Order Number 3	87-2020	
Date Approved fr 19.	1:20/	
Signature Vonuste all	will	

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#### **REQUEST FOR DISPOSAL/TRANSFER OF COUNTY PROPERTY**

DATE: 10-11-2018

FIXED ASSET TAG NUMBER: 17470

DESCRIPTION: License Plate Reader Unit

MAY 2 8 2020 BOONE COUNTY AUDITOR

RECEIVED

REQUESTED MEANS OF DISPOSAL: Recycle

OTHER INFORMATION: This LPR system consists of two computer processors, three cameras, associated camera cabling, network cabling, and a gps puck. Without a server to access, software, and/or the support of the manufacturer, the system has little to no value in the consumer surplus marketplace. In addition, the infrared illuminators inside the cameras are not working to full capacity, so donating the system to a smaller agency would not be practical. We are requesting permission to salvage any usable parts and recycle the remaining components.

This system has already been replaced by a new system.

CONDITION OF ASSET: Fair

REASON FOR DISPOSITION: Item has surpassed useful life of 48 months. The hardware is obsolete and the item is no longer supported by the manufacturer. Also, the item has been replaced by a new system.

COUNTY / COURT IT DEPT. (check one) DOES / DOES NOT (check one) WISH TO TRANSFER THIS ITEM FOR ITS OWN USE (this item is applicable to computer equipment only)

DESIRED DATE FOR ASSET REMOVAL TO STORAGE: Immediate.

WAS ASSET PURCHA IF YES, ATTACH DOC	SED WITH GRANT FUNDI UMENTATION SHOWING	ING? $\square$ YES $\square$ NO FUNDING AGENCY'S PERMISSION TO DISPOSE OF ASSET.
DEPARTMENT: Sheri	f / Enforcement	SIGNATURE Dail Much 10-11-2018
AUDITOR ORIGINAL PURCHAS	e date <u>7/9/10</u>	RECEIPT INTO 1190-3835 5
ORIGINAL COST	19,905.00	GRANT FUNDED (ON) GRANT NAME Community Ociented Policing Services
ORIGINAL FUNDING	SOURCE 2744	AGENCY <u>U.S. Dept of Justice</u> DOCUMENTATION ATTACHED (Y/N)
ASSET GROUP		TRANSFER CONFIRMED
COUNTY COMMISS	ON / COUNTY CLERK	
APPROVED DISPOSA	L METHOD:	
TRANSFER	DEPARTMENT NAME_	NUMBER
387-2020	LOCATION WITHIN DE	PARTNENT
9.1.20	INDIVIDUAL Com	the alling
TRADE	AUCTION	SEALED BIDS

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#### **REQUEST FOR DISPOSAL/TRANSFER OF COUNTY PROPERTY**

DATE: 10-11-2018

FIXED ASSET TAG NUMBER: 17471

DESCRIPTION: License Plate Reader Unit

REQUESTED MEANS OF DISPOSAL: Recycle

OTHER INFORMATION: This LPR system consists of two computer processors, three cameras, associated camera cabling, network cabling, and a gps puck. Without a server to access, software, and/or the support of the manufacturer, the system has little to no value in the consumer surplus marketplace. In addition, the infrared illuminators inside the cameras are not working to full capacity, so donating the system to a smaller agency would not be practical. We are requesting permission to salvage any usable parts and recycle the remaining components.

This system has already been replaced by a new system.

CONDITION OF ASSET: Fair

REASON FOR DISPOSITION: Item has surpassed useful life of 48 months. The hardware is obsolete and the item is no longer supported by the manufacturer. Also, the item has been replaced by a new system.

COUNTY / COURT IT DEPT. (check one) DOES / DOES NOT (check one) WISH TO TRANSFER THIS ITEM FOR ITS OWN USE (this item is applicable to computer equipment only)

DESIRED DATE FOR ASSET REMOVAL TO STORAGE: Immediate.

WAS ASSET PURCHASED WITH GRANT FUNDING?  $\square$  YES  $\square$  NO IF YES, ATTACH DOCUMENTATION SHOWING FUNDING AGENCY'S PERMISSION TO DISPOSE OF ASSET.

DEPARTMENT: Sheriff / Enforcement

Hill Mh 10-11-2018 SIGNATURE /

AUDITOR ORIGINAL PURCHASE DATE 7/9/10	RECEIPT INTO
ORIGINAL COST 19, 905.00	GRANT FUNDED (YN) GRANT NAME COPS
ORIGINAL FUNDING SOURCE 2-744	% FUNDING 100 AGENCY US DOJ
ASSET GROUP 1604	DOCUMENTATION ATTACHED (Ø/N) TRANSFER CONFIRMED

APPROVED DISPOSAL METHOD:

TRANSFER	DEPARTMENT NA	AME	NUMBER
387-2020 9.1.20	LOCATION WITH	11/ AL	
TRADE	AUCTION	SEALED BID	DS

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MAY 2,8 2020

RECEIVED

BOONE COUNTY AUDITOR

#### **REQUEST FOR DISPOSAL/TRANSFER OF COUNTY PROPERTY**

DATE: 10-11-2018

FIXED ASSET TAG NUMBER: 17472

DESCRIPTION: License Plate Reader Unit

REQUESTED MEANS OF DISPOSAL: Recycle

OTHER INFORMATION: This particular system was originally purchased by Boone County, but operated by the Columbia Police Department on a Columbia Police vehicle. This system was returned to us after being replaced by a new system purchased by the Columbia Police department.

This LPR system consists of two computer processors, three cameras, associated camera cabling, network cabling, and a gps puck. Without a server to access, software, and/or the support of the manufacturer, the system has little to no value in the consumer surplus marketplace. In addition, the infrared illuminators inside the cameras are not working to full capacity, so donating the system to a smaller agency would not be practical. We are requesting permission to salvage any usable parts and recycle the remaining components.

CONDITION OF ASSET: Poor

REASON FOR DISPOSITION: Item has surpassed useful life of 48 months. The hardware is obsolete and the item is no longer supported by the manufacturer. Also, the item has been replaced by a new system.

COUNTY / COURT IT DEPT. (check one) DOES / DOES NOT (check one) WISH TO TRANSFER THIS ITEM FOR ITS OWN USE (this item is applicable to computer equipment only)

DESIRED DATE FOR ASSET REMOVAL TO STORAGE: Immediate.

WAS ASSET PURCHAS	SED WITH GRANT FUN UMENTATION SHOWIN	DING? YES ONO
DEPARTMENT: Sherifi		SIGNATURE Down allerand 10-11-2018
AUDITOR ORIGINAL PURCHASE	DATE 7/9/2010	RECEIPT INTO // 90 - 3835 5
ORIGINAL COST	19,905,00	GRANT FUNDED (ON)
ORIGINAL FUNDING S	SOURCE <b>2744</b>	AGENCY US DOJ
ASSET GROUP	1604	DOCUMENTATION ATTACHED (Y/N) TRANSFER CONFIRMED
COUNTY COMMISSI	ON / COUNTY CLERK	ζ
APPROVED DISPOSAL	_ METHOD:	
TRANSFER	DEPARTMENT NAME	ENUMBER
387-2020	LOCATION WITHIN	DERARTMENT
9.1.20	INDIVIDUAL Com	when atil

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MAY 2,8 2020

#### **REQUEST FOR DISPOSAL/TRANSFER OF COUNTY PROPERTY**

DATE: 10-11-2018

17473 FIXED ASSET TAG NUMBER:

DESCRIPTION: License Plate Reader Unit

REQUESTED MEANS OF DISPOSAL: Recvcle

OTHER INFORMATION: This particular system was originally purchased by Boone County, but operated by the Columbia Police Department on a Columbia Police vehicle. This system was returned to us after being replaced by a new system purchased by the Columbia Police department.

This LPR system consists of two computer processors, three cameras, associated camera cabling, network cabling, and a gps puck. Without a server to access, software, and/or the support of the manufacturer, the system has little to no value in the consumer surplus marketplace. In addition, the infrared illuminators inside the cameras are not working to full capacity, so donating the system to a smaller agency would not be practical. We are requesting permission to salvage any usable parts and recycle the remaining components.

CONDITION OF ASSET: Poor

REASON FOR DISPOSITION: Item has surpassed useful life of 48 months. The hardware is obsolete and the item is no longer supported by the manufacturer. Also, the item has been replaced by a new system.

COUNTY / COURT IT DEPT. (check one) DOES / DOES NOT (check one) WISH TO TRANSFER THIS ITEM FOR ITS OWN USE (this item is applicable to computer equipment only)

DESIRED DATE FOR ASSET REMOVAL TO STORAGE: Immediate.

WAS ASSET PURCHASED WITH GRANT FUNDING? YES NO IF YES, ATTACH DOCUMENTATION SHOWING FUNDING AGENCY'S PERMISSION TO DISPOSE OF ASSET. SIGNATURE Konil alunh

DEPARTMENT: Sheriff / Enforcement

AUDITOR ORIGINAL PURCHASE	DATE 7/9/10	RECEIPT INTO	1190-3835 5
ORIGINAL COST	19,905.00	GRANT FUNDED (	N)
ORIGINAL FUNDING S	SOURCE 2744	GRANT NAME	S TODOJ
ASSET GROUP	1604	TRANSFER CONFIF	ATTACHED (Y/N) RMED
COUNTY COMMISSIO	ON / COUNTY CLERK	ine and and we want and and any set of a set of an and any set of a day of a set of any set of a set of a day a	
APPROVED DISPOSAL	METHOD:		
TRANSFER	DEPARTMENT NAME		NUMBER
387-2020	LOCATION WITHIN DEPAI	RTMENT	
9.1.20	INDIVIDUAL Complete	attil	

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MAY 2 8 2020

BOONE COUNTY

10-11-2018

BOONE COUNTY Request for Disposal/Transfer of County Propert Complete, sign, and return to Auditor's Office	
Date: 07-14-2020 Fixed Asset Tag Number 18121	
Description of Asset: MOBILE LICENSE PLATE READER	
Requested Means of Disposal: Sell Trade-In Recycle/Trash Other, Explain: DES	IROY
Other Information (Serial number, etc.): PB25909 & PB10698	RECEIVED
Condition of Asset: Poor. Does not work. Has a bad port.	JUL 1 7 2020
Reason for Disposition: Unit was replaced with newer hardware.	BOONE COUNTY AUDITOR
Location of Asset and Desired Date for Removal to Storage: BCSD Annex (Dave Alexander)	
Was asset purchased with grant funding?       ∑YES □NO         If "YES", does the grant impose restriction and/or requirements pertaining to disposal? □YES         If yes, attach documentation demonstrating compliance with the agency's restrictions and/or         Dept Number & Name: 1251 Sheriff Enforcement       Signature	r requirements.
Dept Number & Name: 1251 Sheriff Enforcement Signature Novel Ulerower	
To be Completed by: AUDITOR     9/1/12     G/L Account for Proceeds _//       Original Acquisition Date     9/1/12     G/L Account for Proceeds _//	90-3835 F
Original Acquisition Amount 19.905.00	
Original Funding Source <u>2751</u>	
Account Group 160 4	
To be Completed by: COUNTY COMMISSION / COUNTY CLERK	
Approved Disposal Method:	

	40	
Transfer	Department Name	Number
	Location within Department	<u>7</u> .
	Individual	1.0.1
Trade	AuctionSealed Bids	
Other	Explain	
Commission Or	der Number <u>387-2020</u>	
Date Approved	A 5 6. 9:1.30A	

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Signature\_

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	1 1
BOONE COUNTY Request for Disposal/Transfer of County	Cap.tal v Property
Complete, sign, and return to Auditor's Office	
Date: 07-14-2020 Fixed Asset Tag Number 18122	
Description of Asset: MOBILE LICENSE PLATE READER	
Requested Means of Disposal: Sell Trade-In Recycle/Trash Other,	Explain: DESTROY
Other Information (Serial number, etc.): PB25911 & PB10696	RECEIVED
Condition of Asset: Poor. Does not work. Has a bad port.	
Reason for Disposition: Unit was replaced with newer hardware.	JUL 17 2020
Location of Asset and Desired Date for Removal to Storage: BCSD Annex (Dave Ale	BOONE COUNTY AUDITOR
Was asset purchased with grant funding? XYES NO If "YES", does the grant impose restriction and/or requirements pertaining to di If yes, attach documentation demonstrating compliance with the agency's restr	
Dept Number & Name: 1251 Sheriff Enforcement Signature	allexand 7-14-20
To be Completed by: AUDITOR     9/1/12     G/L Account for I       Original Acquisition Date	Proceeds 1190-3835
Original Acquisition Amount 19, 905.00	
Original Funding Source 2751	i .
Account Group /604	
To be Completed by: COUNTY COMMISSION / COUNTY CLERK	5
Approved Disposal Method:	
Transfer Department NameN	Jumber
Location within Department	·····
Individual	
TradeAuctionSealed Bids	
Other Explain	E 4
Commission Order Number <u>387-2020</u>	×
Date Approved Charles 911.00	
Signature	2

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Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

	Compton, ogn, internet		DECE
Date: 05-13-2020	Fixed Asset Tag Numbe	er: 12800	RECTO
Description of Asset: MPH Speedgun	radar unit		MAY 2 8 2020 BOON
			AUL.
Requested Means of Disposal: 🛛 Sell	Trade-In Recycle	/Trash Other, Explain	.:
Other Information (Serial number, etc.)	: Serial number HHM5560	000588	
Condition of Asset: Good			
Reason for Disposition: Unit was replace	ced with new equipment		
Location of Asset and Desired Date for	Removal to Storage: BCS	SD Annex Basement (Alexar	nder)
Was asset purchased with grant funding If "YES", does the grant impose If yes, attach documentation do	estriction and/or requirem	ents pertaining to disposal? vith the agency's restrictions	YES NO and/or requirements.
Dept Number & Name: 1251 Sheriff F	Enforcement	Signature Davil ale	vente David Alexander 5-13-202
To be Completed by: AUDITOR         Original Acquisition Date         Original Acquisition Amount		G/L Account for Proceed	s 1190-3836 F
Original Acquisition Amount /, ;	595.00		
Original Funding Source 277			
Account Group 1604	+		
To be Completed by: COUNTY CC	MMISSION / COUN	<u> TY CLERK</u>	
Approved Disposal Method:			
Transfer Department N	Name	Number	
Location with	in Department		
Individual	-inin-per-ingéliser		
TradeAuction	Sealed Bid	S	
Other Explain			
Commission Order Number_38	1-2020		
Date Approved	1.20	2	
Signature Vormy the	nill		

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#### **Gary German**

From: Sent: To: Subject: Leasa Quick Wednesday, May 27, 2020 10:25 AM Gary German; David Alexander FW: Radar unit

Dave, Send this with the disposal form.

From: Mandy A. Kliethermes <Mandy.Kliethermes@modot.mo.gov> Sent: Wednesday, May 27, 2020 10:18 AM To: Leasa Quick <LQuick@boonecountymo.org> Subject: RE: Radar unit

Lord have mercy did you get your money's worth there! It's so old that neither of us need to do anything to dispose of it. Go right ahead and chuck it

Mandy Kliethermes Law Enforcement Program Manager Missouri State Traffic Records Coordinator

Missouri Department of Transportation Central Office – Highway Safety and Traffic 830 MoDOT Drive, Jefferson City, MO 65102 (Office) 573 751-5434 (Work Cell) 573 508-2237 www.savemolives.com

From: Leasa Quick <<u>LQuick@boonecountymo.org</u>> Sent: Wednesday, May 27, 2020 10:02 AM To: Mandy A. Kliethermes <<u>Mandy.Kliethermes@modot.mo.gov</u>> Subject: Radar unit

We have an old radar unit, purchased in 2001 with Traffic Grant funds, we are ready to dispose of it, what would you like us to do with it?

1

Leasa Quick Budget Administrator Boone County Sheriff's Department 2121 County Drive Columbia, MO 65202 573-875-1111 The provisions stated in the following sections are not intended to deny flexibility in supporting potential traffic collision and injury reduction activities; however, the conditions do serve as a guide in describing limitations and conditions for costs, and some items that are not allowable for highway safety funding.

#### A. Personnel

- 1. Grant funded personnel are to spend 100% of their grant funded activity in the development, implementation, and evaluation of the activities specified in the approved grant application.
- 2. Any fringe benefits, holidays, vacation, sick leave or compensatory time must be consistent with the state or local unit of government for which the contract is written.
- 3. Full-time, part-time and reserve officers are eligible to participate in overtime enforcement projects. Part-time and reserve officers must have the same authority as a full-time permanent officer. MHTC will reimburse Subrecipient at officer's standard rate of pay in accordance with Subrecipient policies and procedures regarding standard rate of pay and overtime rate of pay. The Subrecipient will not be reimbursed at the overtime rate for work that according to Subrecipient own policies and procedures does not constitute overtime.

#### **B.** Equipment

An article of nonexpendable, tangible personal property having a useful life of more than one year and an acquisition cost which equals the lesser of (a) the capitalization level established by the governmental unit for financial statement purposes, or (b) \$5,000.

Costs for major equipment purchases must be part of a comprehensive program, must be utilized for highway safety purposes and are allowable only through specific prior approval of the federal grantor agency.

**Replacement:** Only equipment originally funded by OHS may be funded on a replacement basis at the OHS's discretion. Participation in equipment and manpower projects must be in addition to Subrecipient's previous twelve months authorized strength.

Title: Subject to the obligations and conditions set forth in 49 CFR Part 18 (formerly OMB Circular A-102), title to non-expendable property acquired in whole or in part with grant funds shall be vested in the Subrecipient. Non-expendable property is defined as any item having a useful life of more than one year and an acquisition cost of \$5,000 per unit.

**Use:** Equipment must be used for traffic safety activities, whether or not the program or project continues to be supported by federal funds.

**Disposition:** When equipment acquired under a grant is no longer needed for the original project or program, disposition of the equipment will be made as follows:

1. The Subrecipient shall request, in writing, disposition instructions from OHS prior to actual disposition of the property.

2. Theft, destruction, or loss of property shall be reported to OHS immediately.

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	BOONE COUNTY Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office
٠	Date: 04-26-2017 Fixed Asset Tag Number: NONE
	Description of Asset: Sierra Wireless ruggedized cellular modems (models 875, 881, and 890)
	Requested Means of Disposal: Sell Trade-In Recycle/Trash Other, Explain:
•	Other Information (Serial number, etc.): Lot of 44 modems. See attached list containing model number, IMEI number, and FSN.
	Condition of Asset: Varies. Good to fair. A few of the units have broken terminals or missing sim card trays. Units do not include cellular data sim card. Power cables (12v) included. All units are end-of-life and manufacturer support may not be available. Units are NOT 4G/LTE capable.
÷ .	Reason for Disposition: Units have been replaced.
	Location of Asset and Desired Date for Removal to Storage: Sheriff's department. Ready for immediate disposal.
5	Was asset purchased with grant funding? YES NO If "YES", does the grant impose restriction and/or requirements pertaining to disposal? YES NO If yes, attach documentation demonstrating compliance with the agency's restrictions and/or requirements.
• 	Dept Number & Name: Sheriff / Enforcement (1251) Signature Naval Ulerah #5343
	To be Completed by: AUDITOR       N/A       G/L Account for Proceeds       1190-3836         Original Acquisition Date       G/L Account for Proceeds       1190-3836       F
	Original Acquisition Amount
ě	Original Funding Source
	Account Group
	To be Completed by: COUNTY COMMISSION / COUNTY CLERK
	Approved Disposal Method:
٠	Transfer Department NameNumber
	Location within Department
	Individual
	TradeAuctionSealed Bids

Other	Explain	
Commission Of Date Approved	1. 9.1.do	2

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 Management - Disposals/2017 04 26 Sierra modem disposals.docx

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SIERRA	875	354699012608759	B453197007010	
SIERRA	881	354220010241673	B440178000710	
SIERRA	875	354699012642667	B452748001210	
SIERRA	881	354220010239982	B440178002610	
SIERRA	875	35469901263252	B450798001610	LAST DIGIT OF IMEI DAMAGED
SIERRA	875	L	· · · · · · · · · · · · · · · · · · ·	IMEI NUMBER SMUDGED
SIERRA	890	352974021367149	B650780003710	
SIERRA	890	352974021067897	B651872005810	
SIERRA	875	354699012607611	B453197003410	
SIERRA	875	354699012605714	B453037002610	
SIERRA	890	352974021067921	B651872008210	
SIERRA	875	354699012608205	B453197006910	THE REPORT OF DEPENDING STREET, STREET
SIERRA	881	354220010240360	B440178003110	
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SIERRA	883	1 354220010240709	J'84401/8000910	

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Request for Disposal/Transfer of County Property

Complete, sign, and return to Auditor's Office
Date: 10-25-2019 Fixed Asset Tag Number: NONE
Description of Asset: Sierra Wireless ruggedized cellular modems (models MP875, MP881, and MP890)
Requested Means of Disposal: Sell Trade-In Recycle/Trash Other, Explain:
Other Information (Serial number, etc.): Lot of 18 modems. See attached list containing Make, Model, IMEI and FSN information.
Condition of Asset: These modems are obsolete. They are not 4G/LTE capable. Condition is good to fair. Some of the units might have broken terminals and/or missing SIM card trays. Units do not include cellular data sim card. Some power cables (12v) included. Some antennas included. All units are well beyond end-of-life and manufacturer support may not be available.
Reason for Disposition: Units have been replaced.
Location of Asset and Desired Date for Removal to Storage: 10-25-2019
Was asset purchased with grant funding? YES NO If "YES", does the grant impose restriction and/or requirements pertaining to disposal? YES NO If yes, attach documentation demonstrating compliance with the agency's restrictions and/or requirements.
, Dept Number & Name: Sheriff / Enforcement (1251) Signature David and Dept Marker b. Alexander has
To be Completed by: AUDITOR Original Acquisition Date
Original Acquisition Amount/
, Original Funding Source
Account Group
To be Completed by: COUNTY COMMISSION / COUNTY CLERK
Approved Disposal Method:
Transfer Department NameNumber
387-2020 Location within Pepartment
9.1.20 Individual Comple attail
Trade Auction Sealed Bids
Other Explain
Commission Order Number

, https://boonecountymo-my.sharepoint.com/personal/dalexander\_boonecountymo\_org/Documents/wo124732 Disposal of old Sierra Wireless AirLink 3G cellular modems/20191025 Fixed Asset Disposal\_18 Sierra modems.docx

<u>Make</u>	Model	<u>IMEI</u>	<u>FSN</u>
Sierra Wireless AirLink	MP875	354699012605755	B453037002510
Sierra Wireless AirLink	MP875	354699012605748	B453037003010
Sierra Wireless AirLink	MP875	354699012633385	B450798009010
Sierra Wireless AirLink	MP875	354699012605383	B453037002310
Sierra Wireless AirLink	MP881	354220010240352	B440178003510
Sierra Wireless AirLink	MP881	354220010239685	B440178000810
Sierra Wireless AirLink	MP881	354220010302210	B652099001510
Sierra Wireless AirLink	MP881	354220010301956	B652099007210
Sierra Wireless AirLink	MP881	354220010302749	B652099009410
Sierra Wireless AirLink	MP881	354220010301980	B652099009710
Sierra Wireless AirLink	MP881	354220010302012	B652099004210
Sierra Wireless AirLink	MP881	354220010303861	B652029002810
Sierra Wireless AirLink	MP881	354220010302061	B652099001710
Sierra Wireless AirLink	MP881	354220010302194	B652089003510
Sierra Wireless AirLink	MP881	354220010302004	B652099007910
Sierra Wireless AirLink	MP881	354220010302103	B652099000410
Sierra Wireless AirLink	MP890	352974026909770	B650732013310
Sierra Wireless AirLink	MP890	352974026911305	B650732014310
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 From:
 Chad Martin

 To:
 Davld Alexander

 Subject:
 RE: Sierra modems from CPD

 Date:
 Thursday, June 27, 2019 1:12:07 PM

 Attachments:
 JAG Equip disposition disposal page.pdf

Dave,

You won't need to communicate with the granting entity. Boone County was the recipient of these and we sub-granted them to CPD, so they are back "home" so to speak. What I did was take the attached document and put it with a bundle of disposal forms. In this case they can see the original purchase price was below the disposal threshold so you should be ok. This particular copy is from the 2011 Federal Financial Guide so you might find a more current version to send along (this was in my old grant file.

Please let me know if you need anything else.

--Chad

From: David Alexander <DAlexander@boonecountymo.org> Sent: Tuesday, June 25, 2019 4:07 PM

To: Chad Martin <CMartin@boonecountymo.org>
Subject: Sierra modems from CPD

Reference those modems that CPD donated to us back in 2014 (see Outlook item attached). Pdf attached too.

Ideally, I would like to dispose of these soon. They are obsolete and just sitting in a box. Is it your opinion that I would need to communicate with the grant folks before disposing of them, or simply document their disposal via normal county protocols and have that information if they were to ever ask for it in an audit?



CITY OF COLUMBIA, MISSOURI



#### 01/08/13

#### POLICE DEPARTMENT

On this date, the Columbia Police Department transferred custody of eleven (11) Sierra Wireless AirLink MP881 GPS Modems to Captain Chad Martin of the Boone County Sheriff's Department. These modems were purchased using Byrne grant funds in which the Columbia Police Department is a sub-recipient. The IMEI number and FSN number of each unit transferred is as follows:

- 1. IMEI: 354220010302210 FSN : B652099001510
- 2. IMEI: 354220010301956 FSN : B652099007210
- 3. IMEI: 354220010302749 FSN : B652099009410
- 4. IMEI: 354220010301980 FSN : B652099009710
- 5. IMEI: 354220010302012 FSN : B652099004210
- 6. IMEI: 354220010303861 FSN : B652029002810
- 7. IMEI: 354220010302061 FSN : B652099001710
- 8. IMEI: 354220010302194 FSN : B652089003510
- 9. IMEI: 354220010302004 FSN : B652099007910
- 10. IMEI: 354220010302129 FSN : B652089002310
- 11. IMEI: 354220010302103 FSN : B652099000410

	The Boone County Sherjff's Department will assume responsibility for tracking and reporting of these items
ĸ	from this day forward

1-8-14 Chad Martin Recipient: Witness

600 E Walnut St · Columbia, Missouri 65201 (573) 874-7652 · FAX (573) 874-3142 · TTY (573) 874-7652 www.GoColumbiaMO.com

#### **3.7 PROPERTY STANDARDS**

COPS JAG

- » Cost of the property
- Percentage of Federal participation in the cost of the property
- » Location of the property
- ▶ Use and condition of the property
- Disposition data, including the date of disposal and sale price
- Inventory. A physical inventory of the property must be taken and the results reconciled with the property records at least once every 2 years.
- Maintenance procedures. Adequate maintenance procedures must be established and used to keep the property in good condition.
- Control system. A control system must be in place with adequate safeguards to prevent loss, damage, and theft.
  - Promptly and properly investigate and fully document any loss, damage, or theft, and make the documentation part of the official project records. <u>2 C.F.R. § 200.313 (d)(3)</u>.
  - ▶ Provide at a minimum, the equivalent insurance coverage for equipment acquired with Federal funds that the non-Federal entity owns. Federally-owned equipment need not be insured unless required by the award. 2.C.F.R. § 200.310.
  - Non-federal entities are responsible for replacing or repairing property that is willfully or negligently lost, stolen, damaged, or destroyed.
  - Proper sales procedures. If authorized or required to sell the property, the recipient or subrecipient must establish proper sales procedures to ensure the highest possible return.

#### Disposition of Equipment

A *State* recipient must dispose of equipment acquired under the award in accordance with State laws and procedures.

Recipients and subrecipients other than States must dispose of the equipment when original or replacement equipment acquired under the award or subaward is no longer needed for the original project, or for other activities currently or previously supported by a Federal awarding agency, as follows:

- If the item to be disposed of has a current per-unit fair market value of \$5,000 or less, the item may be retained, sold, or otherwise disposed of with no further obligation to the awarding agency.
- If the item has a current per-unit fair market value of more than \$5,000, the item may be retained or sold, but the awarding agency will have a right to a specific dollar amount. Calculate this amount by multiplying the
- current market value or proceeds from the item sale by the awarding agency's share of the equipment (i.e, the agency's percentage of participation in the cost of the original purchase). The seller is also eligible for limited sale and handling costs of \$500 or 10% of the proceeds, whichever is less.
  - In cases where the recipient or subrecipient fails to take appropriate disposition actions, the awarding agency may direct other disposition actions.

Yes < 5K

No

# BOONE COUNTY Capital

Request for Disposal/Transfer of County Property

Complete, sign, and return to Auditor's Office

Fixed Asset Tag Number: 17571 Date: 5-26-20 Description of Asset: ELSAG fixed site FCU processor Requested Means of Disposal: Sell Trade-In Recycle/Trash Other, Explain: Destroy due to sensitive information possibly contained in device storage RECEIVED Other Information (Serial number, etc.): P1061042 MAY 2 7 2020 Condition of Asset: Poor, non-functional BOONE COUNTY AUDITOR Reason for Disposition: Unit inoperable and replaced Location of Asset and Desired Date for Removal to Storage: BCSD Annex (Alexander) Was asset purchased with grant funding? XYES NO If "YES", does the grant impose restriction and/or requirements pertaining to disposal? XYES NO If yes, attach documentation demonstrating compliance with the agency's restrictions and/or requirements. Signature Dany Dept Number & Name: 1251 Sheriff To be Completed by: AUDITOR Original Acquisition Date \_\_\_\_\_ Original Acquisition Amount 24,010.00 2744 Original Funding Source 1604 Account Group \_\_\_\_ To be Completed by: COUNTY COMMISSION / COUNTY CLERK Approved Disposal Method: Department Name\_\_\_\_\_Number\_\_\_\_\_ Transfer Location within Department\_\_\_\_\_ Individual Sealed Bids Auction Trade Explain\_ Other Commission Order Number 387-2020 Date Approved\_ Signature

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BOONE COUNTY Capital
Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office
Date:         03-10-2020         Fixed Asset Tag Number:         17570         MAY 27 2020
Description of Asset: Fixed site FCU processor (computer processor) BOONE COUNTY AUDITOR
Requested Means of Disposal: Sell Trade-In Recycle/Trash & Other, Explain: Destroy due to sensity
Other Information (Serial number, etc.): Serial #: P0981384 contained in device storage.
Condition of Asset: Poor, non-functional
Reason for Disposition: Unit is inoperable and was replaced.
Location of Asset and Desired Date for Removal to Storage: BCGD ANNEX (ALEXANDER)
Was asset purchased with grant funding? VYES NO If "YES", does the grant impose restriction and/or requirements pertaining to disposal? YES NO If yes, attach documentation demonstrating compliance with the agency's restrictions and/or requirements.
Dept Number & Name: Sheriff/Enforcement Signature David Alexand
To be Completed by: AUDITOR $2/17/11$ G/L Account for Proceeds       1170 - 3835         Original Acquisition Date $2/17/11$ G/L Account for Proceeds       1170 - 3835
Original Acquisition Amount 24,010.00
Original Funding Source 2744
Account Group /604
To be Completed by: COUNTY COMMISSION / COUNTY CLERK
Approved Disposal Method:
Transfer Department NameNumber
Location within Department
Individual
TradeAuctionSealed Bids
Other Explain
Commission Order Number 387-2020
Date Approved 9.1.20
Signature Complex attail

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Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

Capital

		REGEIVED
Date: 3-2-20	Fixed Asset Tag Number: 17908	MAY 2 7 2020
Description of Asset: EXAQ Vision 1	608-48-2000-R2 DVR	BC DUNTY
Requested Means of Disposal: Sell	□Trade-In □Recycle/Trash ⊠Other	, Explain: Destroy
Other Information (Serial number, etc.	):	
Condition of Asset: Non-functioning		
Reason for Disposition: Damaged in A	nnex flood March 2010	
Location of Asset and Desired Date fo	r Removal to Storage: Sheriff Annex, as soon	as possible
Was asset purchased with grant funding If "YES", does the grant impose If yes, attach documentation d	g? YES NO restriction and/or requirements pertaining to d emonstrating compliance with the agency's res	lisposal? YES NO trictions and/or requirements.
Dept Number & Name: 1251 Sheriff (		long/ Sen_
To be Completed by AUDITOR	-1 4	ceeds 1190-3835 F
Original Acquisition Amount	7,550.00	
Original Funding Source 27	782	
Account Group	>4	
To be Completed by: COUNTY CO	MMISSION / COUNTY CLERK	
Approved Disposal Method:		
Transfer Department 1	Name]	Number
Location with	in Department	
Individual	5	2
TradeAuction	Sealed Bids	
Other Explain	р 	2
Commission Order Number 38	1-2020	
Date Approved	1.20	
Signature Comple allan	lf	

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В	<b>OONE COUNTY</b>	
Request for Dis	sposal/Transfer of Cou Complete, sign, and return to Auditor's Office	
Date: 05-07-2020	Fixed Asset Tag Number: 14370	
Description of Asset: K9 HOT-N-POP		
Requested Means of Disposal: ⊠Sell	Trade-In Recycle/Trash C	)ther, Explain:
Other Information (Serial number, etc.):	Serial numbers BC-1246 and BI-1261	RECEIVED
Condition of Asset: Poor. Many parts/	components missing.	MAY 2 7 2020
Reason for Disposition: Obsolete.		BOONE COUNTY AUDITOR
Location of Asset and Desired Date for	Removal to Storage: BCSD Annex Base	ement (Alexander)
	striction and/or requirements pertaining nonstrating compliance with the agency	
To be Completed by: AUDITOR Original Acquisition Date	-/ /	at for Proceeds
Original Acquisition Amount7	89.00	
Original Funding Source Z 7	31	
Account Group 1604	/	
To be Completed by: COUNTY COM	MMISSION / COUNTY CLERK	
Approved Disposal Method:		
Transfer Department N	ame	Number
Location within	1 Department	
Individual		
TradeAuction	Sealed Bids	
Other Explain		
Commission Order Number 387	-2020	
Date Approved 9 Signature	·1·20	

BOONE COUNTY	
Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office	
Date: 04-10-2020 Fixed Asset Tag Number: 10678	15
Description of Asset: Hon lateral file cabinet, 5 drawers, 36" wide, 19" de	ep, 67"tx11
Requested Means of Disposal: Sell Trade-In Recycle/Trash Other, Explain:	ECEIVED
Other Information (Serial number, etc.): None / UAK.	
Condition of Asset I I I have in	AY 27 2020
Reason for Disposition: Surplus	ONE COUNTY AUDITOR
Location of Asset and Desired Date for Removal to Storage: BCSD records storage warehouse area 04//	10/20
Was asset purchased with grant funding? TYES XNO If "YES", does the grant impose restriction and/or requirements pertaining to disposal? YES If yes, attach documentation demonstrating compliance with the agency's restrictions and/or req	างก
Dept Number & Name: 1251 Sheriff Enforcement Signature Kourd alloyand	5343
To be Completed by: AUDITOR       ID/10/96       G/L Account for Proceeds       1190         Original Acquisition Date       ID/10/96       G/L Account for Proceeds       1190	-3836-F
Original Acquisition Amount 389.50	
Original Funding Source 2731	
Account Group 1602	
To be Completed by: COUNTY COMMISSION / COUNTY CLERK	
Approved Disposal Method:	2
Transfer Department NameNumber	
Location within Department	
Individual	
TradeAuctionSealed Bids	
Other Explain	
Commission Order Number 387-2020	
Date Approved 9.1.20	127
Signature Comy le alticity	

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•	BOOI	NE CO	UNTY	
Requ	est for Disposa Complete,	l/Transfe sign, and return to		Property
Date: 01-09-2020	Fixed A	sset Tag Numb	er: 15416	
• Description of Asset: N	Aotorola PR1500 (model A	AH79KDC9PV	W5AN) portable radio	
Requested Means of Di	sposal: 🛛 Sell 🛛 Trade-	In Recycle	/Trash Other, E	Explain:
Other Information (Ser	ial number, etc.): Serial nur	nber: 626TFW	0330	RECEIVED
• Condition of Asset: Ur	nit needs repair. Knob is b	roken.		MAY 27 2020
Reason for Disposition	: Unit replaced in 2020.			BOONE COUNTY AUDITOR
Location of Asset and I	Desired Date for Removal	to Storagę: BCS	SD, 01-09-2020	2
<ul> <li>If "YES", does th</li> </ul>	th grant funding? YES e grant impose restriction a ocumentation demonstration	nd/or requirem	ents pertaining to disp with the agency's restric	oosal? YES NO ctions and/or requirements.
Dept Number & Name	: 1251 Sheriff Enforcement	ıt	Signature Navi	allevander 01-09-20
To be Completed by: Original Acquisition D:	AUDITOR         4/21/6           ate         985.00	<u>.</u>	G/L Account for Pr	roceeds <u>2901-3836</u> J-
			κi.	
Original Funding Source				
Account Group				
	COUNTY COMMISSIO	DN / COUN	I Y CLEKK	
Approved Disposal Me				
Transfer	Department Name			1mber
•	Location within Departm			
	Individual			
Trade	Auction	Sealed Bid	S	
	plain			
<sup>•</sup> Commission Order N	lumber <u>387-208</u>	10		
Date Approved	· 9.1.20	2		
Signature	the alling	<u>.</u>		

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•	BOONE COUNTY	
	Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office	
	Date: 01-09-2020 Fixed Asset Tag Number: 15417	
•	Description of Asset: Motorola PR1500 (model AAH79KDC9PW5AN) portable radio	
	Requested Means of Disposal: Sell Trade-In Recycle/Trash Other, Explain:	
•	Other Information (Serial number, etc.): Serial number: 626TFW0013 RECEIVED	
	Condition of Asset: Fair. MAY 27 2020	
	Reason for Disposition: Unit replaced in 2020.	
	Location of Asset and Desired Date for Removal to Storage: BCSD, 01-09-2020	
•	Was asset purchased with grant funding? YES NO If "YES", does the grant impose restriction and/or requirements pertaining to disposal? YES NO If yes, attach documentation demonstrating compliance with the agency's restrictions and/or requirements.	
	Dept Number & Name: 1251 Sheriff Enforcement Signature Name Ulbrah 1-9-2	:0
٠	To be Completed by: AUDITOR 4/21/66 G/L Account for Proceeds 2901-3836 5	
	Original Acquisition Amount	
	Original Funding Source 2787	
•	Account Group1604	
	To be Completed by: COUNTY COMMISSION / COUNTY CLERK	
	Approved Disposal Method:	
	Transfer Department NameNumber	
•	Location within Department	
	Individual	
	TradeAuctionSealed Bids	
	Other Explain	
	Commission Order Number 387-2020	
	Date Approved 9.1.20	
	Signature	

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	<b>BOONE COUNTY</b>		
Request for	r Disposal/Transfer of Cours Complete, sign, and return to Auditor's Office	nty Property	
•	Complete, sign, und retarn to xidation's Office		
Date: 01-09-2020	Fixed Asset Tag Number: 15418		
Description of Asset: Motorola P	R1500 (model AAH79KDC9PW5AN) portable	radio	
• Requested Means of Disposal: 🔀	Sell []Trade-In []Recycle/Trash []Ot	her, Explain:	
Other Information (Serial number	r, etc.): Serial number: 626TFW0333	RECEIVED	
Condition of Asset: Fair.		MAY 27 2020	
Reason for Disposition: Unit repla	aced in 2020.	BOONE COUNTY AUDITOR	
Location of Asset and Desired Da	ate for Removal to Storage: BCSD, 01-09-2020	AUDITOR .	
Was asset purchased with grant fu If "YES", does the grant imp If yes, attach documentati	nding? YES NO pose restriction and/or requirements pertaining t ion demonstrating compliance with the agency's	o disposal? YES NO restrictions and/or requirements.	
• Dept Number & Name: 1251 She	eriff Enforcement Signature	avil alexant 1-9-20	
To be Completed by: AUDITO Original Acquisition Date	<u>PR 4/21/06</u> G/L Account	for Proceeds 2901-35365	
Original Acquisition Amount	985.00		
Original Funding Source	2787		
Account Group/6	604		
To be Completed by: COUNTY	Y COMMISSION / COUNTY CLERK		
Approved Disposal Method:			
•Transfer Departm	nent Name	_Number	
Location	n within Department		
Individu	al		
•TradeAuc	tionSealed Bids		
Other Explain			
Commission Order Number 387-2020			
Date Approved 9.1.20			
Signature Com	ating		

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BOONE COUNTY	
. Request for Disposal/Transfer of Coun Complete, sign, and return to Auditor's Office	ty Property
Date: 01-09-2020 Fixed Asset Tag Number: 15419	
Description of Asset: Motorola PR1500 (model AAH79KDC9PW5AN) portable ra	dio
•	
Requested Means of Disposal: Sell Trade-In Recycle/Trash Othe	r, Explain:
Other Information (Serial number, etc.): Serial number: 626TFW0341	RECEIVED
Condition of Asset: Fair.	100 - 100 -
<sup>•</sup> Reason for Disposition: Unit replaced in 2020.	MAY 27 2020 BOONE COUNTY
Location of Asset and Desired Date for Removal to Storage: BCSD, 01-09-2020	AUDITOR
Was asset purchased with grant funding? [YES XNO] If "YES", does the grant impose restriction and/or requirements pertaining to If yes, attach documentation demonstrating compliance with the agency's re	disposal? YES NO strictions and/or requirements.
Dept Number & Name: 1251 Sheriff Enforcement Signature Name	rit allah 1-9-2020
To be Completed by: AUDITOR       4/21/06       G/L Account for         Original Acquisition Date       985.00	r Proceeds <u>2901-3836</u> f
Original Funding Source 2787	
Account Group 1604	
To be Completed by: COUNTY COMMISSION / COUNTY CLERK	
Approved Disposal Method:	
Transfer Department Name	Number
Location within Department	
• Individual	
TradeAuctionSealed Bids	
Other Explain	
Commission Order Number 387-2020	
Date Approved 9.1.20	
Signature Comple attailf	

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	BOONE COUNT	Y
. Request for	r Disposal/Transfer of C Complete, sign, and return to Auditor's (	
Date: 01-09-2020	Fixed Asset Tag Number: 15896	u mari
Description of Asset: Motorola P	PR1500 (model AAH79KDC9PW5AN) po	rtable radio
•		
Requested Means of Disposal: 🔀	Sell Trade-In Recycle/Trash	Other, Explain:
Other Information (Serial number	r, etc.): Serial number: 626TGG2822 4	
Condition of Asset: Fair.	1	RECEIVED
• Reason for Disposition: Unit repl	aced in 2020.	MAY 2,7 2020
Location of Asset and Desired Da	ate for Removal to Storage: BCSD, 01-09-2	2020 BOONE COUNTY AUDITOR
	unding? YES NO, pose restriction and/or requirements pertai tion demonstrating compliance with the age	
Dept Number & Name: 1251 Sh	eriff Enforcement Signatur	ce Marit allerent 01-09-20
To be Completed by: AUDITO Original Acquisition Date	<u>DR 3/6/07</u> G/LAcc	count for Proceeds
Original Acquisition Amount	953.16	
Original Funding SourceZ	.731	
Account Group/60	4	
To be Completed by: COUNT	Y COMMISSION / COUNTY CLER	K
• Approved Disposal Method:		
Transfer Departm	nent Name	Number
Location	n within Department	······································
• Individu	al	
TradeAuc	ctionSealed Bids	
Other Explain	1	
Commission Order Number	387-2020	
Date Approved	9.1.20	
Signature <u>Komy les</u> G	aneg .	

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	BOONE COUL	NTY
Request for I	Disposal/Transfer Complete, sign, and return to Au	of County Property aditor's Office
• Date: 01-09-2020	Fixed Asset Tag Number:	15897
Description of Asset: Motorola PR1	500 (model AAH79KDC9PW5A	N) portable radio
Requested Means of Disposal: 🛛 Sel	l Trade-In Recycle/Tr	rash Other, Explain:
• Other Information (Serial number, e	tc.): Serial number: 626TGG2818	8 RECEIVED
Condition of Asset: Fair.		MAY 2 7 2020
Reason for Disposition: Unit replace	d in 2020.	BOONE COUNTY AUDITOR
Location of Asset and Desired Date	for Removal to Storage: BCSD, (	
	e restriction and/or requirements	s pertaining to disposal? YES NO the agency's restrictions and/or requirements.
Dept Number & Name: 1251 Sherif	f Enforcement Si	Signature Dail allah 01-09-2
To be Completed by: AUDITOR Original Acquisition Date	<u>3/6/07</u> G,	G/L Account for Proceeds
Original Acquisition Amount	953.16	
Original Funding Source	2731	
Account Group/6	04	
To be Completed by: COUNTY (	COMMISSION / COUNTY (	CLERK
Approved Disposal Method:	× •	
•Transfer Departmen	t Name	Number
Location w	ithin Department	
Individual_	X	
TradeAuctio		
•Other Explain		
Commission Order Number	387-2020	
Date Approved	9.1.20	
. Signature Complete	thill	

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BOONE COUNTY
Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office
Date: 01-09-2020 Fixed Asset Tag Number: 15898
• Description of Asset: Motorola PR1500 (model AAH79KDC9PW5AN) portable radio
Requested Means of Disposal: Sell Trade-In Recycle/Trash Other, Explain:
Other Information (Serial number, etc.): Serial number: 626TGG2825
Condition of Asset: Fair.
Reason for Disposition: Unit replaced in 2020.
Location of Asset and Desired Date for Removal to Storage: BCSD, 01-09-2020
Was asset purchased with grant funding? YES NO If "YES", does the grant impose restriction and/or requirements pertaining to disposal? YES NO If yes, attach documentation demonstrating compliance with the agency's restrictions and/or requirements.
Dept Number & Name: 1251 Sheriff Enforcement Signature Signature
To be Completed by: AUDITOR Original Acquisition Date 3/6/07 G/L Account for Proceeds 1190-3836_5-
Original Acquisition Amount953.16
Original Funding Source Z-731
Account Group 1604
To be Completed by: COUNTY COMMISSION / COUNTY CLERK
Approved Disposal Method:
Transfer Department NameNumber
Location within Department
Individual
TradeAuctionSealed Bids
Other Explain
Commission Order Number 387 - 2020
Date Approved 9.1.20 Signature

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	В	OONE (	COUNTY	7		
Requ	est for Dis		<b>ensfer of Co</b> teturn to Auditor's Offici		perty	
• Date: 01-09-2020		Fixed Asset Tag I	Number: 15899	1.		
Description of Asset: 1	Motorola PR1500	(model AAH79KI	OC9PW5AN) portab	ole radio		
			ecycle/Trash			
Requested Means of Di				Other, Explain:		
• Other Information (Ser		Serial number 802	51 GIN0057		RECEIVED	
Condition of Asset: Fa	ir.				MAY 27 2020	
Reason for Disposition	: Unit replaced in	2020.	6		BOONE COUNTY AUDITOR	
Location of Asset and I	Desired Date for	Removal to Storage	e: BCSD, 01-09-202	0		
Was asset purchased w If "YES", does th If yes, attach d	e grant impose re	striction and/or re-	quirements pertainin	g to disposal? [ y's restrictions a	YES NO nd/or requirements.	
Dept Number & Name	e: 1251 Sheriff Er	nforcement	Signature	Davel U	lin_ 01-09-2	0
• <u>To be Completed by:</u> Original Acquisition D			G/L Accou	nt for Proceeds		
Original Acquisition A	mount95	3.16				
Original Funding Sourc	ce 273	/	• E			
• Account Group	1604			-		
To be Completed by:	COUNTY CO	<u>MMISSION</u> / <u>C</u>	OUNTY CLERK		(5	
Approved Disposal Me	ethod:		ŧ	E		
Transfer	Department N	ame	¥	Number_		
	Location within	n Department			14) 	
	Individual					
Trade	Auction	Seal	ed Bids	1.8		
•Other Ex	plain					
Commission Order N	Number <u>387</u>	-2020				
Date Approved	9.	1.20	1			
Signature Kong	11- atur	<i>.</i> ///				

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BOONE COU	NTY
Request for Disposal/Transfer Complete, sign, and return to At	
Date: 01-09-2020 Fixed Asset Tag Number:	15900
• Description of Asset: Motorola PR1500 (model AAH79KDC9PW5A	N) portable radio
Requested Means of Disposal: 🛛 Sell 🛛 Trade-In 💭 Recycle/Tr	rash Other, Explain:
Other Information (Serial number, etc.): Serial number: 626TGG282	6
• Condition of Asset: Fair.	RECEIVED
Reason for Disposition: Unit replaced in 2020.	MAY 27 2020 BOONE COUNTY
Location of Asset and Desired Date for Removal to Storage: BCSD,	01-09-2020 AUDITOR
<ul> <li>Was asset purchased with grant funding? YES NO</li> <li>If "YES", does the grant impose restriction and/or requirement If yes, attach documentation demonstrating compliance with</li> </ul>	s pertaining to disposal? YES NO the agency's restrictions and/or requirements.
Dept Number & Name: 1251 Sheriff Enforcement	Signature No Uh 01-09-20
	/L Account for Proceeds
Original Acquisition Amount 953, 16	
Original Funding Source 2-731	
Account Group 160 4'	
<u>To be Completed by: COUNTY COMMISSION</u> / <u>COUNTY</u>	<u>CLERK</u>
Approved Disposal Method:	x
Transfer Department Name	Number
Location within Department	
Individual	
TradeAuctionSealed Bids	
Other Explain	
Commission Order Number 387-2020	5
Date Approved 5 9:1:20 Signature	

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BOONE COUNTY	Capital			
Request for Disposal/Transfer of County Pr Complete, sign, and return to Auditor's Office	roperty			
Date: 3-2-20 Fixed Asset Tag Number: 15614				
Description of Asset: Video/Digital recording system				
Requested Means of Disposal: Sell Trade-In Recycle/Trash Other, Expl	ain: Destroy			
Other Information (Serial number, etc.): RTS PXF2-A8C DVR	RECEIVED			
Condition of Asset: Fair-outdated technology	MAY 27 2020			
Reason for Disposition: Outdated technology and system replaced	BOONE COUNTY AUDITOR			
Location of Asset and Desired Date for Removal to Storage: Sheriff Annex, as soon as po	ssible			
Was asset purchased with grant funding? XYES NO If "YES", does the grant impose restriction and/or requirements pertaining to disposa If yes, attach documentation demonstrating compliance with the agency's restriction	1? XYES NO ns and/or requirements.			
Dept Number & Name: 1251 Sheriff Op (2535 '05 JAG) Signature	1 Sam			
To be Completed by: AUDITOR Original Acquisition Date6/29/66 G/L Account for Proceeds	1190-3835-J			
Original Acquisition Amount9505,00	Original Acquisition Amount9505.00			
Original Funding Source 2744	#1			
Account Group /604				
To be Completed by: COUNTY COMMISSION / COUNTY CLERK				
Approved Disposal Method:				
Transfer Department NameNumb	er			
Location within Department	· · · · · · · · · · · · · · · · · · ·			
Individual				
TradeAuctionSealed Bids				
Other Explain				
Commission Order Number 387-2020				
Date Approved from 9.1.20				
Signature_ Complex attailf				

L:\Asset Addition and Disposal forms\BLANK Fixed Asset Disposal.docx Revised: September 2016

<b>BOONE COUNTY</b>
Request for Disposal/Transfer of County Property

Complete, sign, and return to Auditor's Office

Date: 4-30-20	Fixed Asset Tag Number: 23103			
Description of Asset: SpectraTel	k GPS Surveillance device			
Requested Means of Disposal: 🗌	Sell Trade-In Recycle/Trash Other,	Explain: Destroy		
Other Information (Serial number	er, etc.): IMEI 8623 6903 0032 201	RECEIVED		
Condition of Asset: Obsolete and	d not operational	MAY 27 2020 BOONE COUNTY		
Reason for Disposition: Obsolete	e surveillance equipment	AUDITOR		
Location of Asset and Desired Da remnants	Pate for Removal to Storage: Sheriff's department - V	We will destroy and dispose of		
If yes, attach documentat	pose restriction and/or requirements pertaining to di tion demonstrating compliance with the agency's rest	trictions and/or requirements.		
Dept Number & Name:	2534 JAG Signature	my / ser		
To be Completed by: AUDITC Original Acquisition Date	OR C/ /			
Original Acquisition Amount	1,544,00			
Original Funding Source2	2744			
Account Group/	1604			
To be Completed by: COUNT	Y COMMISSION / COUNTY CLERK			
Approved Disposal Method:				
Transfer Departm	ment Name I	Number		
Location	on within Department			
Individu	ual			
TradeAuc	ctionSealed Bids			
Other Explain				
Commission Order Number 387-2020				
Date Approved Comy	Aturil 9.1.20			

 $C: \label{eq:content} C: \label{eq:content$ SpectraTek GPS.docx

Revised: September 2016

	Date: 01-09-2020 Fixed Asset Tag Numl	ber: 15304
	Description of Asset: Motorola PR1500 (model AAH79KDC9P	W5AN) portable radio
	Requested Means of Disposal: 🛛 Sell 🔲 Trade-In 🔲 Recyc	e/Trash Other, Explain:
•	Other Information (Serial number, etc.): Serial number: 626TFY	RECEIVED
	Condition of Asset: Fair.	JUN 01 2020
	Reason for Disposition: Unit replaced in 2020. Location of Asset and Desired Date for Removal to Storage: BC	BOONE COUNTY AUDITOR
1	Was asset purchased with grant funding? MYES DNO	
and a	If "YES'	nents pertaining to disposal? XYES NO with the agency's restrictions and/or requirements.
	Dept Number	Signature David alund 01-09-2020
•	To be Compl Original Acqui	G/L Account for Proceeds
	Original Acqui	2
	Original Fundi	
•	Account Grouj	-
0	To be Comple	<u>TY CLERK</u>
	Approved Dist	
	Transfer Department Name	Number
•		
	Individual	
	TradeAuctionSealed Bi	ds
•	Other Explain	
	Commission Order Number <u>387-2020</u>	ii a
	When Ill At-All	
	Signature Complex allouly	

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### **Gary German**

From:	
Sent:	
To:	
Subject:	

Leasa Quick Monday, June 1, 2020 10:36 AM Gary German FW: More grant assets

If you want you can send those downtown with this email. They are on my desk.

From: Mandy A. Kliethermes <Mandy.Kliethermes@modot.mo.gov> Sent: Monday, June 01, 2020 10:24 AM To: Leasa Quick <LQuick@boonecountymo.org> Subject: RE: More grant assets

OH lord you can chuck them! LOL

Mandy Kliethermes Law Enforcement Program Manager Missouri State Traffic Records Coordinator

Missouri Department of Transportation Central Office – Highway Safety and Traffic 830 MoDOT Drive, Jefferson City, MO 65102 (Office) 573 751-5434 (Work Cell) 573 508-2237 www.savemolives.com

From: Leasa Quick <<u>LQuick@boonecountymo.org</u>> Sent: Saturday, May 30, 2020 9:50 AM To: Mandy A. Kliethermes <<u>Mandy.Kliethermes@modot.mo.gov</u>> Subject: More grant assets

We have two portable radios given to us through a traffic grant in 2005 and we are looking to dispose of them. Do we have permission to dispose of them and would you like them back or have a preference as to how they are disposed?

Thanks, Leasa Quick Budget Administrator Boone County Sheriff's Department 2121 County Drive Columbia, MO 65202 573-875-1111

The provisions stated in the following sections are not intended to deny flexibility in supporting potential traffic collision and injury reduction activities; however, the conditions do serve as a guide in describing limitations and conditions for costs, and some items that are not allowable for highway safety funding.

## A. Personnel

- 1. Grant funded personnel are to spend 100% of their grant funded activity in the development, implementation, and evaluation of the activities specified in the approved grant application.
- 2. Any fringe benefits, holidays, vacation, sick leave or compensatory time must be consistent with the state or local unit of government for which the contract is written.
- 3. Full-time, part-time and reserve officers are eligible to participate in overtime enforcement projects. Part-time and reserve officers must have the same authority as a full-time permanent officer. MHTC will reimburse Subrecipient at officer's standard rate of pay in accordance with Subrecipient policies and procedures regarding standard rate of pay and overtime rate of pay. The Subrecipient will not be reimbursed at the overtime rate for work that according to Subrecipient own policies and procedures not constitute overtime.

### **B.** Equipment

An article of nonexpendable, tangible personal property having a useful life of more than one year and an acquisition cost which equals the lesser of (a) the capitalization level established by the governmental unit for financial statement purposes, or (b) \$5,000.

Costs for major equipment purchases must be part of a comprehensive program, must be utilized for highway safety purposes and are allowable only through specific prior approval of the federal grantor agency.

**Replacement**: Only equipment originally funded by OHS may be funded on a replacement basis at the OHS's discretion. Participation in equipment and manpower projects must be in addition to Subrecipient's previous twelve months authorized strength.

**Title:** Subject to the obligations and conditions set forth in 49 CFR Part 18 (formerly OMB Circular A-102), title to non-expendable property acquired in whole or in part with grant funds shall be vested in the Subrecipient. Non-expendable property is defined as any item having a useful life of more than one year and an acquisition cost of \$5,000 per unit.

**Use:** Equipment must be used for traffic safety activities, whether or not the program or project continues to be supported by federal funds.

**Disposition:** When equipment acquired under a grant is no longer needed for the original project or program, disposition of the equipment will be made as follows:

- 1. The Subrecipient shall request, in writing, disposition instructions from OHS prior to actual disposition of the property.
- 2. Theft, destruction, or loss of property shall be reported to OHS immediately.

BOONE COUNTY					
Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office					
•	1 0				
Date: 01-09-2020	Fixed Asset Tag N				
Description of Asset: Motorola P	R1500 (model AAH79KĘ	0C9PW5AN) portable radio			
• Requested Means of Disposal: 🔀	Gell Trade-In R	ecycle/Trash Other, Explain:			
Other Information (Serial number	, etc.): Serial number: 626	TFY0186	RECEIVED		
Condition of Asset: Fair.			JUN 01 2020		
Reason for Disposition: Unit repla	ced in 2020.		BOONE COUNTY AUDITOR		
Location of Asset and Desired Da	te for Removal to Storage	: BCSD, 01-09-2020	е — Пу		
Was asset purchased with grant fu If "YES", does the grant imp If yes, attach documentation	ose restriction and/or rec	uirements pertaining to disposal? 🔀 ance with the agency's restrictions an	d/or requirements.		
• Dept Number & Name: 1251 Sho	riff Enforcement	Signature Navel U	levenh 01-09-2020		
To be Completed by: AUDITO Original Acquisition Date	<u>R</u> 12/31/05	G/L Account for Proceeds	1190-3886 F		
Original Acquisition Amount	985.00	•			
• Original Funding Source	2731				
Account Group/	504				
To be Completed by: COUNT	COMMISSION / CO	DUNTY CLERK			
Approved Disposal Method:					
Transfer Departm	nent Name	Number			
Location	within Department				
Individu	al				
•TradeAuc	tionSeale	ed Bids			
Other Explain					
Commission Order Number 387-2020					
Date Approved A PII 20					
Signature Complete	Tinly	-			

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## **Gary German**

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OH lord you can chuck them! LOL

Mandy Kliethermes Law Enforcement Program Manager Missouri State Traffic Records Coordinator

Missouri Department of Transportation Central Office – Highway Safety and Traffic 830 MoDOT Drive, Jefferson City, MO 65102 (Office) 573 751-5434 (Work Cell) 573 508-2237 www.savemolives.com

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## A. Personnel

- 1. Grant funded personnel are to spend 100% of their grant funded activity in the development, implementation, and evaluation of the activities specified in the approved grant application.
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- 3. Full-time, part-time and reserve officers are eligible to participate in overtime enforcement projects. Part-time and reserve officers must have the same authority as a full-time permanent officer. MHTC will reimburse Subrecipient at officer's standard rate of pay in accordance with Subrecipient policies and procedures regarding standard rate of pay and overtime rate of pay. The Subrecipient will not be reimbursed at the overtime rate for work that according to Subrecipient own policies and procedures does not constitute overtime.

## **B.** Equipment

An article of nonexpendable, tangible personal property having a useful life of more than one year and an acquisition cost which equals the lesser of (a) the capitalization level established by the governmental unit for financial statement purposes, or (b) \$5,000.

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**Disposition:** When equipment acquired under a grant is no longer needed for the original project or program, disposition of the equipment will be made as follows:

- 1. The Subrecipient shall request, in writing, disposition instructions from OHS prior to actual disposition of the property.
- 2. Theft, destruction, or loss of property shall be reported to OHS immediately.

BC	<b>JONE C</b>	OUNTY	
		nsfer of County Pre- turn to Auditor's Office	operty
Date: 7-29-2020	Fixed Asset Tag N	umber: 13650	
Description of Asset: FELLOWS SHREI	DDER		
Requested Means of Disposal: Sell	Trade-In Re	ecycle/Trash Other, Explai	n:
Other Information (Serial number, etc.):			RECEIVED
Condition of Asset: POOR - JAMS FRE	QUENTLY		AUG 1 0 2020
Reason for Disposition: NOT USING			BOONE COUNTY AUDITOR
Location of Asset and Desired Date for R	emoval to Storage:		
Was asset purchased with grant funding? If "YES", does the grant impose rest If yes, attach documentation dem Dept Number & Name: 2160 CHILDRE	triction and/or required to the second s	nce with the agency's restriction	s and/or requirements.
	49.36	G/L Account for Proceeds	1190-3836J
Original Funding Source 273	/		
Account Group 1601			
To be Completed by: COUNTY COM	MISSION / CO	UNTY CLERK	
Approved Disposal Method:			
Transfer Department Nar	me	Numbe	t
Location within	Department		
Individual		<i>i</i>	
TradeAuction	Seale	d Bids	
Other Explain			
Commission Order Number 387-	2020	5	
Date Approved 9.1 Signature	1.30 Silf	8 W	

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Date: 7/31/2020	Fixed Asset Tag Numb	er: NA		
Description of Asset: Hydraulic post Dri	ver			
Requested Means of Disposal: Sell [	Trade-In ARecyclo	e/Trash 🔲 Of	ther, Explain:	
Other Information (Serial number, etc.):	No visible markings - wo	orn off from use		
Condition of Asset: very poor			1	RECEIVED
Reason for Disposition: unit is not functi	oning			AUG 1 3 2020
Location of Asset and Desired Date for I	Removal to Storage: NA		x	BOONE COUNTY AUDITOR
Was asset purchased with grant funding? If "YES", does the grant impose res If yes, attach documentation dem	triction and/or requirem nonstrating compliance v	with the agency's		
Dept Number & Name: 2040 Road & Ba	ridge	Signature	1 deg	
To be Completed by: AUDITOR Original Acquisition Date	V/A	G/L Account	for Proceeds	1190-3836 -F
Original Acquisition Amount	/	¥		0
Original Funding Source				
Account Group				
To be Completed by: COUNTY COM	<u>IMISSION</u> / <u>COUN</u>	TY CLERK		
Approved Disposal Method:				
Transfer Department Na	me		Number	
Location within	Department			
Individual		5		
TradeAuction	Sealed Bid	S		
Other Explain				
Commission Order Number 387-	2020			
Date Approved 9	1.20 Il			

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Date: 8/10/20	Fixed Asset Tag Number	r: 09800	
Description of Asset: Desk Chair			
Requested Means of Disposal: Sell Other Information (Serial number, etc.): Condition of Asset: Broken Reason for Disposition: Cannot use; not		/Trash []Other, Explain	AUG 1 3 2020 BOONE COUNTY
Location of Asset and Desired Date for	Removal to Storage: Vote	er Registration back room	
Was asset purchased with grant funding? If "YES", does the grant impose re If yes, attach documentation der Dept Number & Name: 1132 Election d	estriction and/or requirement monstrating compliance w	ents pertaining to disposal? ith the agency's restrictions Signature	YES NO and/or requirements.
To be Completed by AUDITOR	5/11/95	G/L Account for Proceed	ls <u>1190-383L</u>
Original Acquisition Amount 301.	. 76		
Original Funding Source 278	Ζ		
Account Group /602			
To be Completed by: COUNTY CO	<u>MMISSION</u> / <u>COUNT</u>	TY CLERK	
Approved Disposal Method:			
Transfer Department N	ame	Number	
Location within	n Department		
Individual			
TradeAuction	Sealed Bids	5	
Other Explain			
Commission Order Number 387	- 2020		
Date Approved	·[·20		
Signature Comy Con All	nep		

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Date: 8/10/20	Fixed Asset	Tag Number:	: 10348	ł	
Description of Asset: Desk Chair					
Requested Means of Disposal: Sell	Trade-In	Recycle/	Trash	Other, Expla	in:
Other Information (Serial number, etc.):					RECEIVED
Condition of Asset: Broken					AUG 1 3 2020
Reason for Disposition: Cannot use; not	t safe				BOONE COUNTY AUDITOR
Location of Asset and Desired Date for	Removal to S	torage: Voter	Registr	ation back room	I.
Was asset purchased with grant funding? If "YES", does the grant impose re If yes, attach documentation der	estriction and/ monstrating c	or requirement ompliance wit	th the ag	ency's restriction	? YES NO s and/or requirements.
Dept Number & Name: 1132 Election of	& Registration	n	Signatu	ire <u>B</u>	
To be Completed by: AUDITOR Original Acquisition Date	11/17/95	2 2 	G/L Ac	count for Procee	eds <u>1190-3836</u> F
Original Acquisition Amount 2	300.60				
Original Funding Source <b>Z7</b>	82				
Account Group 160	5				
To be Completed by: COUNTY CO	MMISSION	/ <u>COUNT</u>	Y CLER	<u>RK</u>	
Approved Disposal Method:					
Transfer Department N	lame			Numbe	er
Location withi	in Departmen	t	. <u> </u>		
Individual					
TradeAuction		_Sealed Bids			
Other Explain					
Commission Order Number 387	1-2020				
Date Approved	·1·20				

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## **CERTIFIED COPY OF ORDER**

STATE OF MISSOURI	1	September Session	of the July Adjo	urned		<b>Term. 20</b> 2()
<b>County of Boone</b>	<b>]</b> ea.					
In the County Commission	on of said county, o	n the 1	st day	of S	September	<b>20</b> 20

the following, among other proceedings, were had, viz:

Now on this day, the County Commission of the County of Boone does hereby approve the request by the Sheriff's Department to dispose of the following list of vehicles through the Missouri Auto Auction.

It is further ordered the Presiding Commissioner is hereby authorized to sign said Request for Disposal Forms.

Done this 1st day of September 2020.

ATTEST:

Servison per Dhannal

Brianna L. Lennon Clerk of the County Commission

Daniel K. Atwill Presiding Commissioner

Fred J. Parry

District I Commissioner

Janet M. Thompson District II Commissioner

# **Boone County Purchasing**

Melinda Bobbitt, CPPO, CPPB Director of Purchasing



613 E. Ash Street, Room 110 Columbia, MO 65201 Phone: (573) 886-4391 Fax: (573) 886-4390

TO:	Boone County Commission
FROM:	Melinda Bobbitt, CPPO, CPPB Director of Purchasing
DATE:	August 21, 2020
RE:	Vehicle Surplus Disposal
Fallouring a	re unbialed that will be replaced. The Shariff's Department requests commission approx

Following are vehicles that will be replaced. The Sheriff's Department requests commission approval for disposal through the Missouri Auto Auction. Our contract with MO Auto Auction is 20-12JUN20 – Auction Services for Surplus Vehicles.

AUCTIO	<b>DN THROUGH</b>	<b>MISSOURI AU</b>	TO AUCTION	19
Year	Description	Approximate Mileage	VIN #	Condition
2014	Ford Interceptor Utility (19308)	138,000	1FM5K8AT7EGC38493	Fair
2006	Ford Taurus (15341)	127,000	1FAFP53256A210473	Poor
2014	Ford Interceptor Utility (19304)	124,000	1FM5K8AR0EGC27002	Fair
2013	Ford Explorer (22740)	19,390	1FM5K8AR6JGC42985	Total - turn title over to Insurance Company
2013	Ford Interceptor Utility (18021)	115,000	1FM5K8B8XDGA55436	Good

cc: Disposal File; Captain Gary German, Leasa Quick, Sheriff; Greg Edington, R&B; Angela Wehmeyer, HR Risk Manager; Heather Acton, Jake Flowers, Auditor

## **BOONE COUNTY**

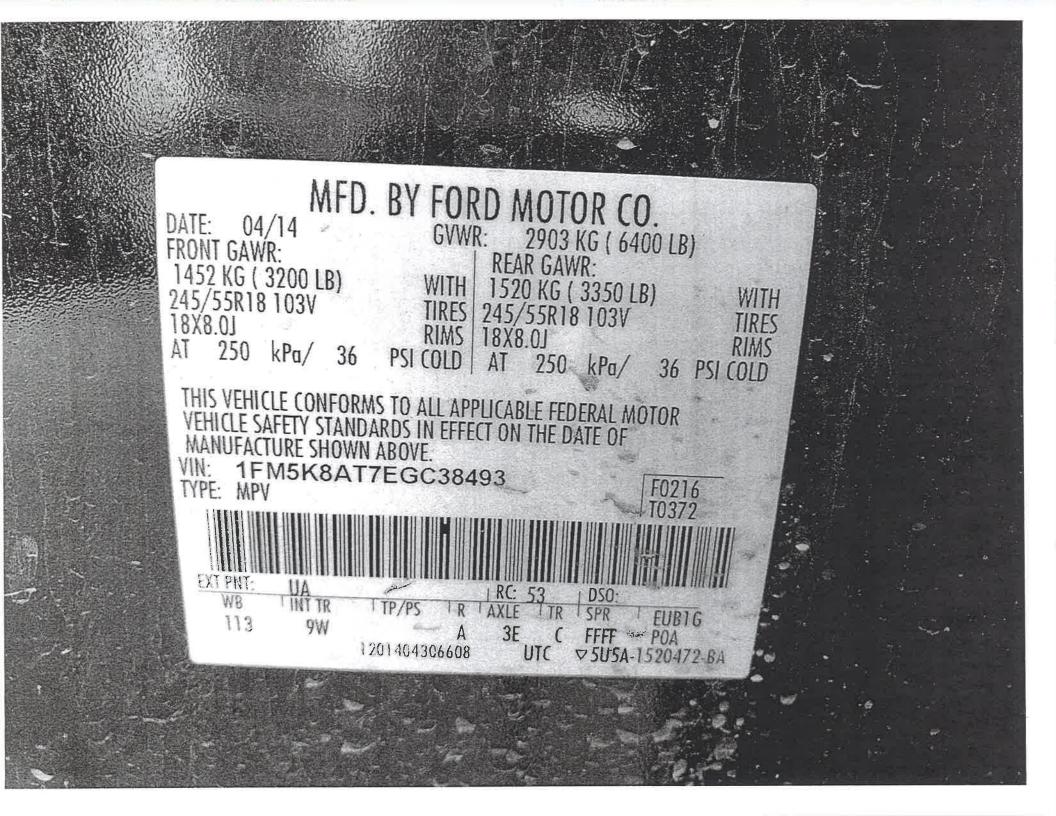
Request for Disposal/Transfer of County Property Complete, sign, and return to Auditor's Office

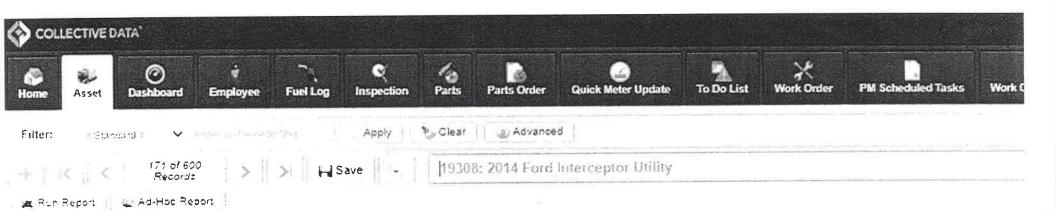
Date: 07-23-2020		Fixed Asset	Tag Number:	1930	8	
Description of Asset:	2014 Ford Interce	eptor Utility, E	Black (138,xxx 1	niles)		
Requested Means of D	Disposal: ⊠Sell	Trade-In	Recycle/T	'rash	Other, Exp	plain:
Other Information (Se	erial number, etc.):	VIN: 1FM5	K8AT7EGC38	493		RECEIVED
Condition of Asset: F	air.					JUL 31 2020
Reason for Disposition	n: Vehicle was rep	laced in 2020.				BOONE COUNTY AUDITOR
Location of Asset and	Desired Date for	Removal to S	torage: BCSD	rear g	ravel parking lo	
Was asset purchased w If "YES", does th If yes, attach o Dept Number & Nam	he grant impose re documentation de	estriction and, monstrating c	or requirement compliance with	n the a	taining to dispo gency's restricti rure <b>David</b>	sal? YES NO ions and/or requirements.
To be Completed by Original Acquisition I	<u>r: AUDITOR</u> Date	6/5/14	· (	G/LA	account for Pro	ceeds
Original Acquisition A						
Original Funding Sou	rce 278;	7				
Account Group	1605					
To be Completed by	y: COUNTY CO	MMISSION	/ <u>COUNTY</u>	<u>CLE</u>	<u>CRK</u>	
Approved Disposal M	lethod:					
Transfer	Department N	Jame			Nun	nber
	Location with	in Departmen	it			
	Individual					
Trade	Auction		_Sealed Bids			
Other E	Explain					
Commission Order	Number_38	8-2020	>			
Date Approved	· 19	1:391				
Signature	after all	inly				

https://boonecountymo-my.sharepoint.com/personal/dalexander\_boonecountymo\_org/Documents/Fixed Asset Disposal.docx

MAINSCR B	OONE Fixed 2	Asset - View Only	BCPUBLIC 09:29:58 7/23/20
Trns <u>N</u> Tag Description	<u>19308</u> Tagged <u>Y</u> Tag 2014 FORD EXPLORER	Replaced <u>N</u> To Adjustmen	From Last Posted ts in Process _ <u>5 2020</u>
Acquired Acct Grp	6/05/2014 Acq Amt 1605 VEHICLES	32,219.00	Useful Life Months <u>84</u> <u>6,443.80</u>
Category	10 AUTOMOBILES		Res Val % <u>20</u>
Location Purch Dept	1251 SHERIFF 2901 SHERIFF OPERATIO	NS-LE SALES TX	Tag in Book <u>N</u> Book ID <u>——</u>
Purch Dept Inventory	Date <u>12/01/2018</u> Inv St		
Site Loc	Boone County Sheriff/	Corrections	
Site Detl Make	<u>Fleet</u> FORD	Model <u>EXPLORE</u>	R (INTERCEPTOR UT)
Serial	1FM5K8AT7EGC38493	Note	
Invoice	<u>F14-BNCNTY</u> 14971 LOU FUSZ FORD	Check <u>180811</u> INC	
Vendor Bid#	<u>C114088003</u>		
User			¥.
Calculated Dep St Dt	Fields Book Value		3,682.72
Adj Total -			Acm Dep Ytd1,534.20
F2=Key Scr	F3=Exit		F23=Bid F22=Hist F24=More

1 E





Main	Specifications Acqu	uisition Info Attached A	ssets Tools	Scheduling	Details	Documents	Pictures	Tires Occ	upants	Life Cycle	l Depreciati
	General Info										
đ	Teneralate	, Menicle									<b>v</b> h
	Template	29710-02		8 8 9					×	3	
	A5561 NO."	19318		R		Year	2014				
	Fixed Asset No	18308			54						
	Type	23: PassengenSUV		■ (a) (b)		Sub Type					×
	Mare	e Ford	ie.	<b>v</b> []		Model	Interceptor U	latity			×
	V es	s 🗹 138,439.0				Miles Updated*	07/17/2	2026			74
	License Piate No	11 - 0 17		1		License Plate State	1				× . 1
	V P	IFM5K8AT7EGC38493									5 B
1 5	Location										
	Lecatio	n 02-Sheriff's Department and	العوا	$\Psi_{ijkl}^{(1)}$		Department	P1251-Shed#	s Department	ж 9		•

9308: 2014 Ford Into	rceptor Utility	M No Mi	lus 5,750 0 ater: 0.0			ter: 0,0	
			ilon: 02-She	NOTE:		ent: 1251-Sh	eriffs
	Recall:	Campa				ale: nv#: 136623	
	External WO:	Ven	dor: 132 - S	HERIFF OIL		nv#: 136623 'O#:	
WOM	Open Date	Close Date	SLa		Downtima		dent
112401	10/10/2014	10/10/2014	Clo	sed	0.00		
Detall		scounts	Parts	Labor	Ilres	Other	Total
Service A							
Light Check			\$0,00	\$0.00		\$0.00	\$0.00
Miscellaneous Miscellaneous			\$0.00	\$0.00			
Credit	Labor	\$0.00		90.00			
Other		30,00				\$0.00	
Lube, Oll & Filter			\$25.08	\$0.00		\$0.00	\$25.08
Miscellaneous	Parts		\$25.08	40.00		÷	2.0.0
Miscellaneous				\$0.00			
Credit		\$0.00					
Olher						50,00	
		\$0.00	\$25,08	\$0.00	\$0.00	\$0.00	\$25,08
9308: 2014 Ford Inle	erceptor Utility	VIN: 1FM5K8AT7EGC384 Milee: 11.125.0			License Pi	ate:	
			nem: 11,125 aler: 0.0	0	No M.	eler: 0.0	
			tion: 02-5hr	will's		ent: 1251-St	neriff's
	Recall	Campa				ate:	
	External WO:			SHERIFF OIL	1	NV#: 136956	
WO# 112865	Open Date 12/11/2014	Ciose Dale 12/11/2014		ulua ised	Downtings 0.00		dent
Detail Service A	D	acounts	Parts	Labor	Time	Other	Total
Light Check			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous	Parts		\$0.00	10			
Miscellaneous			40.00	\$0.00			
Credit		\$0.00		· 301			
Other						\$0.00	
Lube, Oll & Filter			\$25.08	\$0.00		\$0.00	\$25.08
Miscellaneous			\$25.08				
Miscellaneous	Labor			\$0.00			
Credit		\$0.00				to 00	
Other						\$0.00	
		\$0.00	\$25.08	\$0.00	\$0.00	\$0.00	\$25.08
9308: 2014 Ford Inte	erceptor Utility		VIN: 1FM5P	BATTEGC384	License P	late:	
			atar; 0.0		No M	eler; 0.0	
			tion: 02-She	anine		ent: 1251-St	neriff s
	Recali:	Campa				ale:	
	External WO:		dor: 133 - 5	HERIFF		nv#: 138346	
WOM	Open Date	Close Date	Sta	uus	f Downtime	O#: Acc	Ident

112899	12/22/2014	12/22/2014	Clo	sed	0.00		
		Replaced 1 lire					
Detali		Discounts	Parts	Labor	Tires	Other	Total
		\$0.00	\$0.00	\$0.00	\$142.92	\$0.00	\$142.92
9308: 2014 Ford Ini	erceptor Utility			ATTEGC384	License P	late:	
			des 14,650 eter: 0.0	0	No M	ster: 0.0	
			tion: 02-Sh	will'a		ent: 1251-SI	nediff's
	Recall	Campa				ale:	
	External WO:		dor: 134 - 5	HERIFF	ī	nv#: wcol141 20#:	055
WO #	Open Date	Close Date	Sta	lus	Downtime	Acc	Ident
113008	01/16/2015	01/16/2015		sed	0.00		
Detall		Discounts	Paris	Labor	Tires	Other	Total
BODY REPAIR			\$300.00	\$0.00		\$0.00	\$300.00
	Work Comments	Replaced winds					
Miscellaneous			\$300.00				
Miscellaneous	Labor	E0.00		\$0.00			
Credit		\$0.00				\$0.00	
Other						20,00	
		\$0.00	\$300.00	\$0,00	\$0,00	\$0.00	\$300.00
9308: 2014 Ford In	erceptor Utility		VIN: 1FM5	(BAT7EGC384	License P	late:	
			ates: 17,924		No M	ster: 0.0	
			tion: 02-She			iant: 1251-SI	neiffe
	Recall:	Campa		91115		ale:	ionin a
WO #	Open Dale	Close Dale		itus	Downlime		Ident
113279	02/19/2015	02/19/2015		sed	0_00	2111	
	Description:	BPM				- Contil	
Detall		Discounts	Parts	Labor	Tires	Other	Total
Service A							\$17.00
Light Check			\$0.00 \$0.00	\$17,00		\$0,00	\$17.00
Miscellaneous M0053 - Knigh			\$0.00	\$17.00			
Muusu - Knigr Miscellaneous				\$0.00			
Credit	Labor	\$0.00		30.00			
Other						\$0.00	
Lubs, Ol & Filler	,		\$28.02	\$17.00		\$0.00	\$45.02
5W30: ENG 0			\$16.74				
	FILTER (1,000)		\$1 72				
DRUM GREA			\$0 85				
	EE (5.000)						
GREASE SUP			\$6.16				
AF10242: AIR	FLTR		\$0.10				
AF10242: AIR INTERCEPTO	FLTR (1.000)						
AF10242: AIR INTERCEPTO Shop supplies	FLTR		\$2,55				
AF10242: AIR INTERCEPTC Shop supplies (1.000)	FLTR (1.000) : Shop supplies		\$2,55				
AF10242: AIR INTERCEPTO Shop supplies (1.000) Miscellaneous	FLTR (1.000) : Shop supplies Parts			\$17.00			
AF10242: AIR INTERCEPTO Shap supplies (1.000) Miscellaneous M0053 • Knigt	FLTR (1.000) : Shop supplies Parts nl, Terry (0.50)		\$2,55	\$17.00			
AF10242: AIR INTERCEPTO Shop supplies (1.000) Miscellaneous	FLTR (1.000) : Shop supplies Parts nl, Terry (0.50)	\$0.00	\$2,55	\$17.00 \$0.00			
AF10242: AIR INTERCEPTO Shop supplies (1,000) Miscellaneous M0053 • Knigh Mlscellaneous	FLTR (1.000) : Shop supplies Parts nl, Terry (0.50)	\$0,00	\$2,55			\$0.00	
AF10242: AIR INTERCEPTC Shop supples (1.000) Miscellaneous M0053 • Knigh Miscellaneous Credit Other Service B	FLTŘ (1.000) : Shop supplies Parts IL Terry (0.50) Labor	\$0,00	\$2,55 \$0,00	\$0,00			t10.40
AF10242: AIR INTERCEPTC Shop supplies (1.000) Miscellaneous M0053 · Knigh Miscellaneous Gredit Other	FLTŘ (1.000) : Shop supplies Parts IL Terry (0.50) Labor	\$0,00	\$2,55			\$0,00 \$0,00	\$19,40
AF10242: AIR INTERCEPTC Shop supplies (1.000) Miscellaneous M0053 • Knigh Miscellaneous Credit Other Service B	FLTŘ (1.000) : Shop supplies Parts IL Terry (0.50) Labor	\$0,00	\$2,55 \$0,00	\$0,00			\$19,40

## Work Order Detail

Work Order Detail

						( Orado	
19308: 2014 Ford I	nterceptor Utility		VIN: 1FM54 les: 29,161	(8AT7EGC384	License Plat	•:	
			ter: 0.0		No Mel	Hr: 0.0	
		Local	Ion: 02-Shi	eriff s	Departmen	nt: 1251-Sheriff	\$
	Recal	: Campal	an#		Dat	e:	
	External WC		dor: 133 - 5	SHERIFF	inv	#: 158972	
					PC	#:	
WO#	Open Date	Close Date	Ste	itus	Downtime	Acciden	
114005	06/17/2015	06/17/2015		sed	0.00		
	Description	: Oll change/repla	ce 4 tires/a	goment			
Detall		Discounts	Parts	Labor	Tires	Other	Total
Service A							
Light Chack			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneou	is Parte		\$0.00				
Miscellaneou	is Labor			\$0.00			
Credit		\$0.00					
Other						\$0.00	
Lube, Oil & Filt	8T		\$25.50	\$0.00		\$0.00	\$25,50
Miscellaneou	is Parts		\$25.50				
Miscellaneou	is Labor			\$0.00			
Credit		\$0.00					
Other						\$0.00	
Tire Rotation			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneou			\$0.00				
Miscellaneou	is Labor			\$0.00			
Credit		\$0.00					
Olher						\$0.00	

		\$0.00	\$25.50	\$0.	00	\$641.63	\$0.00	\$667.1
368: 2014 Ford	Interceptor Utility		VIN: 1F	M5K8AT7E	3C384	License Pl	laber	
			letar: 0.0			No Ma	ter: 0.0	
				Sheriffa		Departm	ont: 1251-Sh	eriff's
	Recall						ater	
WO #	Open Date	Close Date		Statue		Downlime	Ass	Ident
114236	08/04/2015	08/04/2015		Closed		0.00		
	Description:	BRAKES						
Detall		Discounts	Parts	Lab	101	Tires	Other	Tota
BRAKES			\$282.85	\$34.	00		\$0.00	\$316.85
PFH161120	FRONT BRAKE		\$82.93	1				
PADS (1.00	0)							
	RONT BRAKE		\$199 92	!				
ROTORS (2								
Miscellaneo			\$0.00					
	ight, Terry (1.00)			\$34				
Miscellaneo	us Labor			\$0	00			
Credit		\$0,00					\$0.00	
Other Road Test			60.00	\$10			\$0.00	\$10.20
	Dest.		\$0.00		20		\$0.00	\$10,20
Miscellaneo	lahi, Terry (0.30)		30.00	\$10	20			
Miscellaneo				\$0				
Credit		\$0.00			00			
Other							\$0.00	
		\$0.00	\$282.85	544	20	\$0.00	\$0.00	\$327.05

Report Created by collectiveFleet 7.0

07/23/2020 9:47 AM

Page 4 of 24

## Work Order Detail

Open Date	Close Dat	8 51:	aus	Downtime	Acc	Ident
Recali: External WO:	Camp	algn #		1 F	ale: nv#: 143823 10#:	
			ntiff's			neriff's
d Interceptor Utility				License P	ale:	
	\$0.00	\$58.31	\$78.20	\$0.00	\$0.00	<u>\$136.51</u>
	0.00				\$0,00	
OUE LEDOL	80.00		90.00			
night, Teny (0.30)						
		\$0.00				
		\$0.00	\$10.20		\$0.00	\$10.20
	1.2				\$0.00	
	\$0.00		41.00			
night, terry (0.50)						
		\$0.00	£17.00			
		\$10.46				
ADIN FILIER		43,83				
			\$17.00		\$0.00	\$31.29
	20,00				\$0.00	
ous Labor	*****		\$0.00			
		40.00	\$13.60			
			\$13.60		\$0.00	\$13,60
						£10.00
	\$0.00		40.00			
ous Paris		20.00				
	ous Parts night, Tenry (0.10) ous Labor saintenance ASIN FILTER TSSA COVER (1.000) ous Parts r35A COVER (1.000) ous Parts night, Tenry (0.50) ous Parts night, Tenry (0.50) ous Parts Labor ous Parts Labor Saintenants Coust Parts Not Labor	Indpit, Terry (0.10) ouis Parts Indpit, Terry (0.40) ouis Labor SD.00 SD.0	Inight, Terry (0.10)         \$0.00           ouis Labor         \$0.00           ouis Parta         \$0.00           ouis Labor         \$0.00           alintenance         \$14.29           ASIN FILTER         \$13.83           T35A COVER (1.000)         \$10.46           ouis Parts         \$0.00           ouis Parts         \$0.00           ouis Parts         \$0.00           ouis Labor         \$0.00           \$0.00         \$0.00           ouis Labor         \$0.00           \$0.00         \$0.00           ouis Labor         \$0.00           \$0.00         \$0.00           \$0.00         \$0.00           \$0.00         \$0.00           \$0.00         \$0.00           \$0.00         \$0.00           \$0.00         \$0.00           \$0.00         \$0.00           \$0.00         \$0.00           \$0.00         \$0.00           \$0.00         \$0	Indp. Terry (0.10)         \$3.40           ous Labor         \$0.00           S0.00         \$13.60           ous Labor         \$0.00           s0.00         \$13.60           s0.00         \$13.60           s0.00         \$13.60           s0.00         \$13.60           s0.00         \$13.60           s1.00         \$10.00           s1.00         \$10.00           s1.00         \$10.00           s1.00         \$10.46           ous Parts         \$0.00           s1.00         \$10.46           ous Parts         \$0.00           s0.00         \$10.20           ous Labor         \$0.00           s0.00         \$10.20           ous Parts         \$0.00           s0.00         \$10.20           ous Labor         \$0.00           s0.00         \$10.20           ous Labor         \$0.00           \$0.00         \$10.20           ous Labor         \$0.00           \$0.00         \$0.00           \$10.20         \$0.00           \$0.00         \$0.00           \$10.20         \$0.00           \$0.00<	night, Terry (0,10) ous Labor 50.00 S0.00 S0.00 S0.00 S0.00 S0.00 S0.00 S0.00 S0.00 S0.00 S0.00 S0.00 S0.00 S0.00 S0.00 S14.28 S14.28 S17.00 S13.60 S0.00 S14.28 S17.00 S17.00 S17.00 S17.00 S17.00 S17.00 S1.20 S1	night, Terry (0.10) ous Labor \$0.00 S0.00

en Date	at					
/30/2015	Close Date 04/30/2015		ius sed	Downtime 0.00	Acel	deni
	Discounts	Parts	Labor	Tires	Other	Total
		\$0.00 \$0.00	\$0.00		\$0.00	\$0.00
r	\$0.00		\$0.00			
					\$0.00	
		\$25.50 \$25.50	\$0.00		\$0.00	\$25.60
r	\$0.00		\$0.00			
					\$0.00	
		\$0.00 \$0.00	\$0.00		\$0.00	\$0.00
r			\$0.00			
	\$0,00				\$0.00	
	\$0.00	\$25 50	\$0.00	\$0.00	\$0.00	\$25.50
		\$0,00	\$0,00 \$25,50	\$0.00 \$25.50 \$0.00	\$0.00 \$25.50 \$0.00 \$0.00	\$0,00 \$25,50 \$0.00 \$0.00 \$0.00

Report Created by collectiveFleet 7.0

308: 2014 Ford Inter	ceptor Utilily		36,346	KBAT7EGC384 3 0	License	Plate: Water: 0.0		
	Recall:	Location: Campaign 4	02-Sh	oriff's	Department: 1251-Sherift Date:		eriff's	
WO#	Qoen Date	Close Date		alus	Downtime		dent	
137689	09/17/2015	09/17/2015		osed	0.00			
	Description: A	PM BPM CPM TRA						
Detail	D.	iscounts P	arts	Labor	Tires	Other	Jotai	
Service A						\$0.00	\$17.00	
Light Check Miscellaneous Pa			0.00	\$17.00		\$0.00	\$17.00	
M0053 - Knight, 1		*	0 00	\$17.00				
	abor Comments: N	45/1		011,00				
Miscellaneous La				\$0.00				
Credit		\$0.00						
Other						\$0,00		
Lube, Oli & Filter			5.24	\$17.00		\$0.00	\$42,24	
5W30; ENG OIL			3.08					
OF22500: OIL FI			2,47					
DRUM GREASE		\$	0.85					
GREASE SUPER								
AF 10242: AIR FL INTERCEPTO (1		\$	5.61					
Shop supplies: S			3.23					
(1.000)	noh anbhisa	*	3.23					
Miscellaneous Pa	arta	\$	0.00					
M0053 - Knight, 1				\$17.00				
Miscellaneous La				\$0.00				
Credit		\$0.00						
Other						\$0.00		
Tire Rotation			0.00	\$13.60		\$0.00	\$13.60	
Miscellaneous Pa	arts Trans (0, 40)	\$	0.00	642.60				
M0053 - Knight, Miscellaneous La				\$13.60				
Credit	ador	\$0.00		\$0.00				
Olher		\$0.00				\$0.00		
Service B								
Check Brakes			0.00	\$0,00		\$0.00	\$0.00	
Miscellaneous Pa		\$	0.00					
M0053 - Knight,				\$0.00				
	abor Comments: E	RAKES OK		\$0.00				
Miscellaneous La Credil	abor	\$0.00		\$0.00				
Other		\$0.00				\$0.00		
Replace Fuel Filter		\$1	6.00	\$3,40		\$0.00	\$19,40	
44K: INJ CLEAN			6.00					
Miscellaneous Pr			0.00					
M0053 - Knight,				\$3,40				
Miscellaneous La	abor			\$0.00				
Credil Other		\$0.00				\$0.00		
Service C								
Change Transmiss	ion Fiuld	2	5.69	\$3.40		\$0.00	\$9.29	
60902E: LUBE C			5.89				- 02	
Miscellaneous Pr	ents		0.00					
M0053 - Knight,	Terry (0.10)			\$3,40				
Miscellaneous La	abor			\$0.00				
Credit		\$0.00						
port Created by collec	ALC: NO.	0103	2020 5				Page 5 of	

					**0	in oru	lei Dell	
Olher						\$0.00		
Replace wiper	blades		\$0.00	\$0.00		\$0.00	\$0,00	
Miscellaneo			\$0.00					
	ght, Terry (0.00)			\$0.00				
110000 1111	Labor Commonta:	WIPERS OK						
Miscellaneo		THE LIND OIL		\$0.00				
Credit	da Labor	\$0.00						
Other		\$0.00				\$0.00		
Oliver								
BODY REPAIR			\$172.89	\$34.00		\$0.00	\$206,89	
13100 TRAI	FO HITCH		\$172.89				42.00 00	
			\$0.00					
Miscellaneo			30 00	\$34.00				
	ght, Terry (1.00)			\$0.00				
Miscellaneo	us Labor	\$0.00		90,00				
Credit		20.00				\$0.00		
Olher						\$0,00	£20.03	
Preventive Mai			\$3.83			\$0,00	\$20.83	
	BIN FILTER		\$3.83					
(1.000)								
Miscellaneo			\$0.00					
	ight, Terry (0.50)			\$17.00				
Miscellaneo	us Labor			\$0.00				
Credit		\$0.00						
Other						\$0,00		
Road Test			\$0.00	\$10.20		\$0.00	\$10.20	
Miscellaneo	us Parts		\$0.00					
	ight, Terry (0.30)			\$10.20				
Miscellaneo				\$0.00				
Credit		\$0.00						
Other						50 00		
308: 2014 Ford	Interceptor Utility	\$0.00		M5K8AT7EGC384	\$0,00 License P	\$0.00 Vate:	\$339.45	
			Miles: 37 Meter: 0.0 cation: 02			eter: 0.0 nent: 1251-Si	berill's	
	Recall:		çation: uz palgn∦	-Ortexin 2		Date:		
WO.	Open Dala	Close Da		Slatus	Downtime		ient	
137743	09/30/2015	09/30/201	6	Closed	0.00	2000		
137743	03/30/2013	030307201		000400	0.00			
	Description:		RING					
Detail	Contraction	Discounts	Parts		Tires	Other	Total	
Electrical			\$0.00	\$17.00		\$0.00	\$17.00	
Miscellaneo	us Parls		\$0.00					
	ight, Terry (0.50)			\$17.00				
	Labor Comments:	INSTALL TRA	AILER WIR	ING				
Miscellaneo				\$0,00				
Gredil		\$0.00		195				
Other		• • • • • •				50.00		
o utor								
		\$0.00	\$0.00	\$17.00	\$0.00	\$0.00	\$17.00	
		0.00	contrate		11.1.1.1.1.1			
308: 2014 Ford	Interceptor Utility			M5K8AT7EGC384	License P	1416:		
			Miles: 41		N- 14	eter: 0.0		
			Meter: 0.0				a a station	
			cation: 02	-Sneriff's		nent: 1251-S	101175	
	Recall:		paign #			Date:		
WO # 138427	Open Date 02/09/2016	Close Da 02/09/201		Status Closed	Downtime 0.00	Acc	Idani	
	Description							
port Created by	collective=leat 7.0		07/23/202	0 9 47 AM			Page 6	

Campaign # Vendor: 132 - SHERIFF OIL

Parte

\$0.00 \$0.00

\$30 45 \$30 45

\$0.00 \$0.00

\$30.45 \$0.00 VIN: IFM5K8AT7EGC384 Mites: 5248.0 No Mater: 0.0 Location: 0225her/frs Campedign # Close Data Ol/19/2017 Waterwarer Campedign #

\$0.00 \$0.00

Close Date 08/18/2016

Discounts

\$0.00

\$0.00

\$0.00

Description: APt//BPM/FRONT BRAKES Discounts Parts

Status Closed

Labor

\$0.00

\$0.00

\$0,00

\$0.00

\$0.00

\$0.00

Labor

\$17.00

\$17.00 \$0.00

\$17.00

\$17.00 \$0.00

\$13.60

#### Work Order Detail

Accident

Total

\$0.00

\$30,45

\$0.00

\$30.45

Total

\$17.00

\$52.75

\$13.60

Page 8 of 24

Dete: Inv#: 473329 PO#:

Other

\$0.00

\$0.00 \$0.00

\$0.00 \$0.00

\$0.00

\$0,00

No Meter: 0.0 Department: 1251-Sheriffe Date:

Other

\$0.00

\$0.00 \$0.00

\$0.00 \$0.00

Accident

Downtime 0.00

Tires

\$0.00

Downlime 0.00

Tiras

License Plate:

	Work	Order	Detail
--	------	-------	--------

		BATT						
Detall	E4 16.0. 100 D.A.	Discounts	Paris	Labor	Thes	Other	Total	
Electrical			\$112,95	\$17.00		\$0.00	\$129,95	
MTP-65: BATT	ERY (1.000)		\$112.95			•		
Miscellaneous			\$0.00					
M0053 - Knight				\$17.00				
Miscellaneous				\$0.00				
Credit	Lador	\$0.00		40.00				
Other		40.00				\$0.00		
Cale						0000		
		\$0.00	\$112.95	\$17.00	\$0.00	\$0.00 <u>\$129.95</u>		
9308; 2014 Ford Int	arceptor Utility		VIN: 1FMSR	MATTEGC384	License P	late:		
				0		eter: 0.0		
			eter: 0.0	Control and			hadilla	
			tion: 02-Sha	ten a		tent: 1251-St	.101115	
	Recall;	Campa	Ign #			Date:		
	External WO:	Ver	idør: 132 - S	HERIFF OIL		Inv#: 170274 PO#:		
WO.# 138527	Open Dale 03/01/2016	Close Date 03/01/2016		sed	Dowotima 0.00		Ideni	
Doial Service A		Discounts	Parts	Labor	Tires	Other	Total	
Light Check			\$0.00	\$0.00		\$0.00	\$0.00	
Miscellaneous			\$0.00					
Miscellaneous	Labor			\$0,00				
Credit		\$0.00						
Olher						\$0.00		
Lube, Oll & Filter			\$25.60	\$0,00		\$0.00	\$25.50	
Miscellaneous	Parts		\$25.50					
Miscellaneous				\$0.00				
Credit		\$0.00		44.44				
Olher		40.00				\$0.00		
Tire Rolation			\$0.00	\$9.00		\$0.00	\$0.00	
Miscellaneous	Darta		\$0.00	40.00		00.00	00.00	
Miscellaneous			\$0.00	\$0.00				
	Lauor	*****		\$0.00				
Credit Other		\$0.00				\$0.00		
Uther						90.00		
		\$0.00	\$25.50	\$0.00	\$0.00	\$0.00	\$25.50	
19308: 2014 Ford Int	erceptor Utility		VIN: 1FM5k Illes: 46.834	BATTEGC384	License P	late;		
			aler: 0.0		No M	No Mater: 0.0		
			llon: 02·She	ville		eter: 0.0 neni: 1251-Si	beriffe	
	Beerl			71115				
Sector and	Rocali	Campa		a state and shi		Dale:	Ident	
WO.# 138869	Open Data 05/16/2016	Close Date 05/16/2015		dus bea	Downtime 0.00	Ass	111111	
B		Replaced 1 line	B	1.2672	There	Other	Total	
Detail		Olacounta	Parts	Labor	Drag	Other	1018	
		\$0.00	\$0.00	\$0.00	\$142.92	\$0.00	\$142.92	
19306: 2014 Ford Inl	erceptor Utility		illen: 50.314	BAT7EGC384	License P			
			eter: 0.0			eler: 0.0		
		Loca	tion: 02-She	niffs	Departn	nent: 1251-Si	neriff's	

Data Data Joint Model Descrit: De \$0.00 \$35.75 \$24.84 \$1.71 \$0.80 \$5,17 \$3.23 \$0.00 \$0.00 Tire Rolation Miscellaneous Parts \$0.00 \$0.00

Report Created by collectiveFloat 7.0 07/23/2020 9:47 AM

Recall: External WO:

Open Date 08/18/2016

WO #

133359 08/1 Datall Service A Light Check Miscellanous Labor Other Miscellaneous Parts Miscellaneous Parts

19305: 2014 Ford Interceptor Utility

WO.# 140041

Open Date 01/19/2017

ler Deta	rk Ord	Wo					
			\$13,60			hl, Terry (0,40)	M0053 - Knig
			\$0,00		\$0.00	Labor	Miscellaneour
	\$0,00				\$0.00		Other
							Service B
\$226.10	\$0,00		\$34.00	\$192,10			Check Brakes
				\$67 28		T PADS	BRF1475: FR
							INTERSEPTE
				\$124.82			BRRF318: RO
				\$0.00			Miscellaneou
			\$34,00			hi, Terry (1.00)	M0053 - Knig
			\$0.00			s Labor	Miscellaneous
	\$0.00				\$0.00		Credit
\$19,40	\$0.00		\$3.40	\$16.00		lar	Other Replace Fuel Fil
			40.000	\$16.00		ANER (1.000)	
				\$0.00		s Perts	Miscellaneous
			\$3.40			hl, Terry (0.10)	M0053 - Knig
			\$0,00		to.00	s Labor	Miscellaneou
	\$0.00				\$0,00		Credil Other
							Other
\$21.01	\$0,00		\$17.00	\$4.01		tenance	Preventive Main
				\$4.01		IN FILTER	CF1230: CAE
				eo on			(1,000)
			\$17.00	\$0.00		s Parts ht, Terry (0.50)	Miscellaneou
			\$0.00				Miscellaneou
					\$0.00		Credil
	\$0.00						Other
\$10.20	\$0.00		\$10.20	\$0.00			Road Test
			\$10.20	\$0.00		s Parts	Miscellaneou
			\$0.00			hi, Terry (0.30)	MU053 - Knig Miscellanaou
			40.00		\$0.00	S LEDON	Credit
	\$0.00				1.11		Other
\$360.05	\$0.00	\$0.00	\$112.20	\$247.86	\$0,00		
	late:	License	(8AT7EGC384	VIN: 1FM5	12000	tercentor Utility	9308: 2014 Ford in
			,0	Illes: 56,071			
boriffs	teler: 0.0 neni: 1251-Si			later: 0.0	No		
a no all B	neni: 1291-5i Dale:		ភាព ខ	tion: 02-Sh		Recall:	
3	Inv#: 185193		SHERIFF	nder: 133 - 5		External WO:	
1000	PO#:			11 A.Y. 100	112	the sector of the	
cideni	Acc	Downtime 0.00	sed .		Close Da 02/17/201	Open Date 02/17/2017	WO # 140197
				s/alignment	Replaced 4 U	Description:	
Total	Other	Drea	Labor	Paris	Discounts		Delail
\$635.00	\$0.00	\$835.00	\$0.00	\$0,00	\$0.00		
	Platu:	License	KBAT7EGC364			nterceptor Utility	9308: 2014 Pard l
		19252511 F.C.	9,0	files: 56,295			
Sheriffe	leter; 0.0 ment: 1251-S	No P	or the	ister: 0.0 ition: 02-Sh			
	Date:			ntion: 02+5/1 nign#		Recallt	
					-		
Page 9			1	07/23/2020 9		Contraction and the second second	Report Created by c

	02/24/2017	02/24/2017	04	sed	0.00		
	Description: I	TTAL					
Detail	reaction.	Iscounts	Paris	Lebor	Tires	Other	Total
		ISCOURTS	\$116.95	\$17.00	11183	\$0.00	\$133.95
Electrical			\$116.95	317,00		40,00	4100,00
MTP-65: BATTE							
Miscellaneous f			\$0.00				
M0053 - Knight	, Terry (0.50)			\$17,00			
Miscellaneous t	abor			\$0,00			
Credit		\$0.00				60.00	
Other						\$0,00	
		\$0.00	\$116,95	\$17.00	\$0.00	\$0.00	\$133.95
308: 2014 Ford Inte	mention thilling		VIN- 1EMS	RAT7EGC384	License Pl	ale:	
300: 2014 Ford Inte	aceptor onny		lins: 61,459				
					N- M-	ter: 0.0	
			eter: 0.0	10.000			a diffe
			tion: 02-Sh	erm's.		ent: 1251-Sh	10(11) 5
	Recall:	Campa		and the second se		ale:	
	External WO:	Ven	dor: 132 - 1	SHERIFF OIL		w#: 469834	
WOM	Open Date	Close Date		alua	Downtime		dent
140832	08/03/2017	08/03/2017	Cle	baed	0.00		
Detail Service A		liscounts	Parte	Labor	Tires	Other	Total
Light Check			\$0.00 \$0.00	\$0,00		\$0.00	0 \$9.00
Miscellaneous			20.00	60.00			
Miscellaneous 1	Lahor			\$0,00			
Credit		\$0,00					
Other						\$0.00	
Lube, Oll & Filter			\$30.95	\$0,00		\$0.00	D \$30.95
Miscellaneous	Parte		\$30.95				
Miscellaneous				\$0.00			
Credit		\$0.00					
Olber		40.00				\$0.00	
Tire Rotation			\$6.25	\$0.00		\$0.00	\$6.25
			\$6 25	40,00			
Miscellaneous			90 23	80.00			
Miscellaneous	Labor			\$0,00			
Credit		\$0,00					
Other						\$0.00	
		\$0.00	537.20	\$0.00	\$0.00	60.00	\$37.20
		20.00					ALL AN
9308; 2014 Ford Inte	erceptor Ullilly		VIN: 1FM5	K8AT7EGC384	License Pi	ale:	
			ater: 0.0		No Me	ater: 0.0	
			tion: 02-Sh	oriffe		ent: 1251-St	neriff's
				01111 2		ale:	
	Recall:	Campa		2.4			0.7.0
WO M	Open Dale	Close Date		alua	Downline	Acc	Ident
141500	01/22/2018	01/22/2018	Cl	beed	0.00		
	Description:				These	Other	Total
Detail		lacounts	Parts	Labor	Tires		
Wipers -			\$18.91	\$6.60		\$0.00	\$25.71
SP-22: WIPER			\$5.17				
SP26: 26" CO	TOUR (1.000)		\$6.25				
	BLADE (1.000)		\$7.49				
Miscellaneous			\$0.00				

						n ora-	0, 200	
M0053 - Knigh Miscellaneous	t, Terry (0.20) Labor			\$6.80 \$0.00				
Credit Other		\$0.00				\$0.00		
		\$0.00	\$18.91	\$6.80	\$0.00	\$0.00	\$25.71	
308: 2014 Ford Int	erceptor Utility		VIN: 1FM5K	8AT7EGC384	License P	lale:		
			leter: 0.0			eter: 0.0		
			tion: 02-She	riffs		ent: 1251-Shi	eriff's	
	Recall:					late: nv#: 1867862	3	
	External WO:	Ver	ndor: 132 - 5	HERIFFUL		PO#:		
WO.# 141508	Open Date 01/22/2018	Close Dale 01/22/2018		sed	Downtime 0.00	Accle	leni	
Detail		Discounts	Paris	Labor	Tires	Other	Total	
Service A Light Check			\$0.00	\$0.00		\$0.00	\$0.00	
Miscellaneous Miscellaneous			\$0.00	\$0.00				
Credit		\$0.00						
Olber			\$29.95	\$0.00		\$0.00 \$0.00	\$20.95	
Lube, Oll & Filter Miscellaneous			\$29.95	40.00		40,00		
Miscellaneous			420,50	\$0.00				
Credil		\$0.00						
Olher						\$0.00 \$0.00	\$12.95	
Tire Rotalion Miscelianeous	Porte		\$12.95 \$12.95	\$0.00		\$0.00	\$12.95	
Miscellaneous			415.00	\$0.00				
Credit Other		\$0.00				\$0.00		
		\$0.00	\$42.90	\$0.00	\$0.00	\$0.00	\$42.98	
308 2014 Ford In	tercentor Utility		VIN: 1FM5	BAT7EGC384	License P	late:		
and sold and an	all oppion o milly		Alles: 72,232	.0				
	50	Loca	leter: 0.0 stion: 02-She	ariff's	No Meter: 0.0 Department: 1251-Sheriff Date:			
WOH	Recall: Open Date	Close Date	algn#	itus	Downtime	Accl	enl	
141758	03/28/2018	03/28/2018		sed	0.00			
	Description:	apm/bpm/cpm/				100 C		
Detall		Discounts	Parte	Labor	Tires	Other	Total	
Service A Light Check			\$0.00	\$17.00		\$0.00	\$17.00	
Miscellaneous	Parts		\$0.00	411100				
	nl, Terry (0.50)			\$17.00				
M0053 - Knigi	Labor Commente	: mvi		\$0.00				
-				90.00				
Miscellaneous	Labor	\$0.02						
-	Labor	\$0,00				\$0.00	\$50.03	
Miscellaneous Credit Other Lube, Olt & Filter	r	\$0.00	\$33.03	\$17.00		\$0.00	\$50.03	
Miscellaneous Credit Other Lube, Oft & Filte 5W30 SYN: S	YNTHETIC	\$0.00	\$33.03 \$26.16	\$17.00			\$50.03	
Miscellaneous Credil Other Lube, Ott & Filte 5W30 SYN: S ENGINE OLL	YNTHETIC	\$0,00		\$17.00			\$50.03	

## Work Order Detail

				work Order	Detai
DRUM GREASE: DRUM		\$0.85			
GREASE SUPER (5.000)		\$4.64			
AF10242: AIR FLTR INTERCEPTO (1.000)		34.04			
Miscellaneous Parts		\$0.00			
M0053 - Knight, Terry (0.50)			\$17.00		
Miscellaneous Lebor			\$0.00		
Credit	\$0.00			60.00	
Other		** **	543.00	\$0.00 \$0.00	\$13.60
Re Rotation		\$0.00 \$0.00	\$13.60	\$0.00	\$13.00
Miscellaneous Parts M0053 - Knight, Terry (0.40)		\$0.00	\$13.60		
Miscellaneous Labor			\$0.00		
Credit	\$0.00				
Olher				\$0.00	
Service B			to 20	\$0.00	\$0.00
Check Brakes		\$0.00	\$0,00	\$0.00	\$0.00
Miscellaneous Parts		20 00	\$0.00		
M0053 - Knight, Terry (0.00) Labor Comments:	brekes ok		20.00		
Miscellaneous Lebor	DIGKOS OK		\$0.00		
Credit	\$0.00				
Other	•••••			\$0.00	
Replace Fuel Filter		\$36.00	\$34.00	\$0.00	\$70.00
2902: IND CLEAN (1.000)		\$38.00			
Miscellaneous Parts		\$0.00			
M0053 - Knight, Terry (1.00)			\$34,00		
Labor Comments: Miscellaneous Labor	ind dean		\$0.00		
Credil	\$0.00		40.00		
Other	30.00			\$0.00	
Service C					
Change Transmission Fluid		\$62.85	\$34.00	\$0.00	\$95.85
GLOBALTRANS: SYN ATF		\$56.96			
(16.000) 60902E: LUBE GAURD (1.000)		\$5.89			
Miscellaneous Parts		\$0.00			
M0053 - Knight, Terry (1.00)		60.00	\$34.00		
Miscellaneous Labor			\$0.00		
Credit	\$0.00				
Other				\$0.00	
Replace wiper blades		\$18.91	\$6,60	\$0.00	\$25.71
SP26: 26" CONTOUR (1.000)		\$6.25 \$5.17			
SP-22: WIPERS (1.000) R1121: WIPER BLADE (1.000)		\$7,49			
Miscellaneous Parts		\$0.00			
M0053 - Knight, Terry (0.20)			\$6.80		
Miscellaneous Labor			\$0.00		
Credil	\$0.00				
Olher				50,00	
Service D			\$34.00	\$0.00	\$80.32
Change Spark Plugs		\$46.32 \$46.32	\$24.00	40,00	400.01
sp534 spark plugs (6.000) Miscellaneous Parts		\$0.00			
M0053 - Knight, Terry (1,00)		\$0.00	\$34.00		
Miscellaneous Labor			\$0.00		
Credil	\$0.00		1.000		
Other				\$0.00	
Other					\$133,95

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					Wo	rk Ora	ler Detai
MTP-65-84	TTERY (1.000)		\$116.95				
Miscellaneo			\$0.00				
M0053 - Kn	ight, Terry (0.50)			\$17.00			
Miscellaneo				\$0.00			
Credit		\$0.00					
Olher						\$0.00	
Preventive Ma	intenance		\$4.80	\$17.00		\$0.00	\$21.80
	BIN FILTER		\$4.80				
(1.000)							
Miscellaneo	us Parts		\$0.00				
	Ight, Terry (0.50)			\$17.00			
Miscellaneo				\$0.00			
Credit		\$0.00					
Other						\$0.00	
Road Test			\$0,00	\$10.20		\$0.00	\$10.20
Miscellaneo	us Parts		\$0.00				
M0053 - Kn	Ight, Terry (0.30)			\$10.20			
Miscellaneo	us Labor			\$0.00			
Credit		\$0.00					
Olher						\$0.00	
SHERIFF SPE	CIALS		639,99	\$17.00		\$0.00	\$56,99
	( light kit (1.000)		\$39,99			1.00	
Miscellaneo			\$0.00				
	ight, Terry (0.50)			\$17.00			
Miscellaneo				\$0.00			
Credil		\$0.00					
Other						\$0.00	
		\$0.00	\$358.95	\$217.60	\$0.00	\$0.00	\$576.45
200. 2014 Ford	Interceptor Utility		MINE 1EM	KBAT7EGC384	License	later	
300. 2014 Ford	interceptor oning		Miles: 73.87		All		
		No	Mater: 0.0		No.k	leter: 0.0	
			callon: 02-SI	wiff's		ment: 1251-SI	neriff's
	Recall:		palan #	ionin o		Dalu	dent
WO #	Open Date	Ciose Da		tetus	Downiime		
141873	04/25/2018	04/25/201	16 C	osed	0.00		
	Description:	vindsheild pi	ler mouldings				
Detali	D	Iscounts	Parta	Labor	Tires	Olher	Total
BODY REPAIR			\$362.98	\$68.00		\$0,00	\$450,98
bb5z-7803	36-ba moulding		\$83.94				
(1.000)	•						
bb5z-78519	3r44-a kii (1.000)		\$12.48				
	44-sa moulding		\$86.96				
(1.000)	•						
	45-aa moulding		\$87.68				
(1.000)							
	44-as moulding		\$86.96				
(1.000)							
bb5z-78519	9r44-a kil (1.000)		\$24.96				
Miscellaneo			\$0.00				
	ight, Terry (2.00)		01	\$66.00			
Miscellaneo	aus Labor			\$0.00			
Credil		\$0.00		1.0			
Other						\$0.00	
		\$0.00	\$392,98	\$68.00	\$0.00	\$0.00	\$450.98
308: 2014 Ford	Interceptor Utility	10.00		KAAT7EGC384	License	Plaie:	
			Miles: 75,31	0,0			

	Recally		ntar: 0.0. lion: 02-51 lign #	eriff's	Departm	oter: 0.0 ent: 1251-Sh ute:	51-Sheriff's	
<u>WO#</u> 141907	Open Dalo 05/07/2018	Close Date 05/07/2018	5	losed	Dawntima 0.00		<u>ident</u>	
	Description:	ear hubs						
Detail	0	Iscounts	Parts	Labor	TIDES	Other	Total	
Drive Axles			\$278.62	\$102.00		\$0.00	\$380.62	
HUB87: MTC	Hub Assy		\$266.88					
Interceptor (2	.000)							
DG1Z-2C028	-A: DUST		\$5.87					
SHIELD INTE	RCEPTOR							
(1.000)								
DG1Z-2C029	-A: DUST		\$5.87					
SHIELD INTE	RCEPTOR							
(1.000)								
Miscellaneou	s Parts		\$0.00					
M0053 - Knla	ht, Terry (3.00)			\$102.00				
Miscellaneou				\$0.00				
Credit		\$0.00						
Other						\$0.00	\$10.20	
Road Test			\$0.00	\$10.20		\$0,00	\$10,20	
Miscellaneou	s Parts		\$0.00					
M0053 - Knlg	hl, Terry (0.30)			\$10.20				
Miscellaneou	s Labor			\$0.00				
Credit		\$0.00						
Other						\$0,00		
		\$0.00	\$278.62	\$112.20	\$0.00	\$0.00	\$390.82	
9306: 2014 Ford Ir	Recell: External WO:	No M Loca Campa	llies: 76,11 eter: 0.0 tion: 02-51 lign# ndor: 133 -	neriffs	No Mater: 0.0 Department: 1251-Sh Date: Invit: 202872 PD#:		1251-Sheriff's 202872	
		Second States	1.1.1.1.1.1.1	1. The later				
WO # 141930	Open Data 05/14/2018	Ciuse Date 05/14/2010		losed	Downtime 0.00	Acc	ident	
141930	Oprimited He	garnix010	U.	10400	0.00			
	Description: F	Replaced 1 line		Labor	Tires	Other	Total	
Detali	b	Incounts	Parts	Labor	TILEP	COULET.	(Jula	
		\$0.00	\$0,00	\$0,00	\$140.00	\$0.00	\$140.00	
9308: 2014 Ford In	terceptor Utility		VIN: 1FM	K6AT7EGC384	License P	late;		
		N	liles: 78,12	5.0			iherifi's	
		No M	eler: 0.0			ster: 0.0		
		Loca	tion: 02-SI	neriff's		ent: 1251-SI		
	Recall	Campa	lgn #			alo:		
	External WO	Ver	ndor: 132 -	SHERIFF OIL		nv#: 186914 20#:	91	
WOM	Onen Dale	Close Date		tatus	Downlima		ideni	
142035	06/07/2018	06/07/2018	C	losed	0.00			
Detail		Iscounts	Parts	Lebor	Tires	Other	Total	
Service A								
Light Check			\$0.00	\$0.00		\$0.00	\$0.00	
Miscellaneou	s Parts		\$0.00					
Miscellaneou				\$0.00				

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					VVOI	rk Ora	ler De	
44K: INJ CLEA	NER (1.000)		\$16.00					
Miscellaneous I			\$0.00					
M0053 - Knight	, Terry (0,10)			\$3.40				
Miscellaneous I	Labor			\$0.00				
Credit		\$0.00				50.00		
Olher						50.00		
Preventive Mainte CF1230: CABIN (1.000)			\$4.31 \$4.31	\$17.00		\$0.00	\$21.3	
(1.000) Miscellaneous	D		\$0.00					
M0053 - Knight			30.00	\$17.00				
Miscellaneous I				\$0.00				
Credil	10001	\$0.00						
Olher						\$0.00		
41								
		\$0.00	\$49.59	\$68.00	\$0.00	\$0.00	<u>\$117.59</u>	
08: 2014 Ford Inte	arceptor Utility			ATTEGC384	License Pl	ate:		
			Miles: 89,573	.0				
		No	Meter: 0.0			eler: 0.0		
			ation: 02-Sh	MILL P		ani: 1251-Si	leriff 5	
	Bocall;		algn #			ate:		
WO #	Quan Date	Cinan Dat	u <u>St</u>	tus	Downtime	Asc	Ident	
142478	10/05/2018	10/05/201	Ck	sed	0.00			
	Description:	APMOPM						
Detall	D	iscounts	Parts	Labor	Time	Other	Tote	
Service A Light Check			\$0.00	\$17.00		\$0.00	\$17.0	
Miscellaneous	Davida		\$0.00	411100		40.00		
M0053 - Knight			40.00	\$17.00				
Miscellaneous				\$0.00				
Credit	2000	\$0.00						
Other						\$0.00		
Lube, Oll & Filter			\$28.52	\$17.00		\$0.00	\$45.5	
5WJ0 SYN: SY	NTHETIC		\$21.60					
ENGINE OIL (6								
OF22500: OIL			\$1.38					
DRUM GREAS			\$0.90					
GREASE SUP			- // -					
AF10242; AIR I			\$4 64					
INTERCEPTO	(1.000)							
Miscellaneous	Parts		\$0.00					
M0053 - Knight	t, Terry (0.50)			\$17.00				
Miscellaneous	Labor			\$0.00				
Credit		\$0.00				CO 00		
Other						\$0.00	***	
Tire Rotation			\$0.00	\$13.60		\$0.00	\$13.6	
Miscellaneous			\$0.00					
M0053 - Knight				\$13.60				
Miscellaneous	Labor	\$0.00		\$0.00				
Credit Other		\$0,00				\$0.00		
-								
Service B			\$0,00	\$0.00		\$0.00	\$0.0	
Check Brakes	0		\$0.00	\$0.00		40.00	#0.01	
Miscellaneous			au 00	\$0.00				
	Labor Comments:	BRAKES OF		\$0.00				
M0053 - Knigh		DIVINE ON		\$0.00				
M0053 - Knigh Miscellaneous Credit		\$0.00		30.00				

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	\$42.90	\$0.00	\$0.00	0.00
		Plaie;	License	EGC384
19308: 2	efilte	Aster: 0.0 mani: 1251-Sh Dale:	No I Depart	
	ient	Acc	Downtime	
WO 1			0.00	
1424	Total	Other	Tires	abor
Deta				
Serv	\$17.00	\$0.00		7.00
Light				
M				7.00
Ň				0.00
		\$0.00		
N C	\$46.28	\$0.00		7.00
Lube				
5				
E				
E C D G A I				
L				
in the second				7.00
Ň				0.00
Ň				0.00
N		\$0.00		
N C	\$13.60	\$0.00		3.60
Tire				3,60
N				0.00
N				
č		\$0,00		
C C				
	\$0.00	\$0.00		0.00

## Work Order Detail

Credit		\$0.00					
Other						\$0.00	
Lube, Oll & Filte			\$29,95	\$0.00		\$0.00	\$29.95
Miscellaneous	Parte		\$29.95				
Miscellaneous	Labor			\$0.00			
Credit		\$0,00					
Olher						\$0.00	
Tire Rotation			\$12,95	\$0.00		\$0.00	\$12.95
Miscellaneou			\$12.95				
Miscellaneous	s Labor			\$0.00			
Credit		\$0.00					
Other						\$0.00	
		\$0.00	\$42.90	\$0.00	\$0.00	\$0.00	\$42.90
308: 2014 Ford In	larcentor IIIIlity		VIN: 1EM5	ATTEGC384	License P	lale:	
	indication office	,	Ailas: 83,862				
			fater: 0.0	- 17	No M	ater: 0.0	
			tion: 02-Sh	adiffe		ant: 1251-Sh	eriffs
	Recall:			ann o		ale:	
WO#	Open Data	Close Date		atura	Downtime	Acci	dent
142239	68/01/2018	05/01/2018		sed	0.00		
1422.33	000002010	Course in the second	- OK	1000	0.00		
	Description:	apm/bpm					
Detall		Discounts	Parts	Labor	Tires	Other	Tota
Service A							
Light Check			\$0,00	\$17.00		\$0.00	\$17.00
Miscellaneou	s Perts		\$0.00				
	ht, Terry (0.50)			\$17.00			
Miscellaneou				\$0.00			
Credit		\$0.00					
Olher						\$0.00	
Lube, Oll & Filte	r		\$29.28	\$17.00		\$0.00	\$46.24
5W30 SYN: 5	SYNTHETIC		\$22,36				
ENGINE OIL							
OF22500: OI	L FILTER (1.000)		\$1.38				
DRUM GREA	SE: DRUM		\$0.00				
GREASE &U	PER (5,000)						
AF10242: AlF			\$4,64				
INTERCEPT	O (1.000)						
Miscellaneou	s Parts		\$0.00				
M0053 - Knig	hl, Terry (0.50)			\$17.00			
Miscellaneou	s Labor			\$0.00			
Credit		\$0.00					
Other						\$0.00	
Tire Rotation			\$0.00	\$13.60		\$0.00	\$13.6
Miscellaneou			\$0.00				
	hl, Terry (0.40)			\$13.60			
Miscellaneou	s Labor			\$0.00			
Credit		\$0.00					
Other						\$0,00	
n			\$0.00	\$0.00		\$0.00	\$0.0
Service B			\$0.00	30.00		40.00	4010
Check Brakes	- Dode		40.00	\$0.00			
Check Brakes Miscellaneou							
Check Brakes Miscellaneou	hl, Terry (0.00)	u brokon ok					
Check Brakes Miscellaneou M0053 - Knig	hl, Terry (0.00) Labor Commente	: brakes ok		\$0.00			
Check Brakes Miscellaneou M0053 - Knig Miscellaneou	hl, Terry (0.00) Labor Commente			\$0.00			
Check Brakes Miscellaneou M0053 - Knig Miscellaneou Credit	hl, Terry (0.00) Labor Commente	; brakes ok \$0.00		\$0,00		\$0.00	
Check Brakes Miscellaneou M0053 - Knig Miscellaneou	hi, Teny (0.00) Labor Commente s Labor		\$16.00	\$0.00 \$3.40		\$0.00 \$0.00	\$19.4

87/23/2020 9:47 AM

Report Created by collectiveFleet 7.0

er Deta	Ord	Wor					
	\$0.00						Other
\$19.40	\$0.00		\$3,40	\$16.00 \$16.00		Filter LEANER (1.000)	Replace Fuel 44K: INJ C
				\$0.00		ous Paris	Miscellane
			\$3.40 \$0.00			lghl, Terry (0.10)	
			\$0,00		\$0.00	ous Labor	Miscellane Credit
	\$0 00						Other
\$21,31	\$0,00		\$17.00	\$4.31		tritemproe	Preventive Ma
				\$4.31		ABIN FILTER	CF1230: C (1.000)
				\$0.00		us Parte	Miscellane
			\$17,00			sight, Terry (0.50)	M0053 - Kr
			\$0.00		\$0.00	ous Labor	Miscellane Credit
	\$0,00				\$0.00		Other.
\$116.83	\$0.00	\$0.00	\$68,00	\$46.83	\$0.00		
		License Pl		VIN: 1FM5K		Interceptor Utility	9308: 2014 Ford
			0	Alles: 90,877.			
oriff's	r: 0.0 t: 1251-Sh	No Me	riff's	leter: 0.0 Non: 02-She			
0141.0	B1		141.5		Camp	Recall:	
	209580		HERIFF	ndor: 133 - S		External WO:	
ieni	Acci	Downtime 0.00			Close Del 10/18/2018	Open Date 10/18/2018	WO # 142563
			1	tires/alignmen	eplaced four	Description; R	
Tola	Other	Tires	Labor	Paris	acounts		Detall
\$635.00	\$0.00	\$635.00	\$0,00	\$0.00	\$0,00		
	•:	License Pi	8AT7EGC364			Interceptor Utility	9308: 2014 Ford
	r: 0.0	No Me	0	files: 91,302. feler: 0.0			
eriffe	t: 1251-Sh		ciff's	tion: 02-She			
	e:			elgn#		Recall:	
dent	Acc	Downtime 0,00			Close Dat 10/30/2018	Open Dale 10/29/2018	WO # 142579
						Description: B	
<u>Total</u> \$129.75	Other \$0.00	Dres	Labor \$6.80	Paris \$122.95	acounts	DI	Detal
#129./3	40.00		90.0Q	\$122.05		ATTERY (1.000)	
			\$6.80	\$0.00		ous Parts ontgomery, William	
			\$0.00			ous Labor	(0.20) Miscellane
	\$0.00		30.00		\$0.00	DUS LEOOF	Credit Other
\$129.75	\$0.00	\$0.00	\$6.80	\$122.95	\$0.00		en 2 m.
		License P	8AT7EGC384 .0	Miles: 96.341.		I Interceptor Utility	9308: 2014 Ford
eriff's	r: 0.0 it: 1251-Sh		riffs	Autor: 0.0 allon: 02-She	No I Lac		

					WOI	к Ora	er Detai
	Recall: External WO:	Campa Ven			- I	ate: nv#; 187015:	52
WO.#	Open Date	Close Date		alus	Downlima		Ident
142823	12/21/2018	12/21/2018	Cld	rsed	0 00		
Detall	5	lacounts	Parts	Labor	Tites	Other	Total
Service A			\$0.00	\$0.00		\$0.00	\$0.00
Light Check Miscellaneous P	orte		\$0.00	\$0.00		40,00	40,00
Miscellaneous L			40.00	\$0.00			
Credil		\$0.00					
Other						50.00	630 OF
Lube, Oll & Filter			\$29.95 \$29.95	\$0.00		\$0,00	\$29.95
Miscellaneous P Miscellaneous L			\$23.92	50.00			
Ciedit	ande	\$0.00		30.00			
Other						50 00	
Tire Rotation			\$12.95	\$0.00		\$0.00	\$12.95
Miscellaneous P			\$12.95				
Miscellaneous L	abor			\$0.00			
Credit Other		\$0.00				SO 00	
Olher						30,00	
		\$0.00	\$42.90	\$0,00	\$0.00	\$0,00	\$42,90
308: 2014 Ford Interceptor Utility			VIN: 1FM5KBAT7EGC384 Miles: 100.125.0			ate:	
			eler: 0.0	10.0	No Mr	ster: 0.0	
	Recall:	Loca	tion: 02-Shi	eriff's	Departm	ent: 1251-St ate:	neriff's
WOW	Onen Dala	Campa Close Date		lua	Downtime		Ident
142969	01/31/2019	01/31/2019		med	0.00	- Child	
	Description:	front brakes					
Detall	1	liscounts	Paris	Labor	lirea	01her \$0.00	Total \$265.63
BRAKES	A 1.44		\$231 63 \$56 75	\$34.00		\$0.00	\$205,03
PFH161120: BR (1.000)	ARE PADS		330 / 3				
BRRF318: ROT	OR		\$174.88				
INTERCEPTOR	(2.000)						
Miscellaneous P			\$0.00				
M0053 - Knighl,	Terry (1.00)			\$34.00	0.0		
Miscellaneous L Credit	abor	\$0.00		20.00			
Other		30.00				\$0.00	
Road Test			\$0.00	\$10.20		\$0.00	\$10.20
Miscellaneous P	arts		\$0.00				
M0053 - Knight,	Terry (0.30)			\$10.20			
Miscellaneous L	abor	\$0.00		\$0.00			
Credit Other		\$0.00				\$0.00	
		50.00	\$231.63	\$44,20	\$0.00	\$0.00	\$275.83
308: 2014 Ford Inte	in the second second		1011 1011	KBAT7EGC384	License Pl	alè.	
308; 2014 Ford Inte	rceptor utility		VIN: 1PM5		Cicellie Fi	0101	
			eter: 0.0			eter: 0.0	
		Loca	tion: 02-Sh	eriff's		ent: 1251-Si	aeriff's
	Recall:	Campa	lgn #		D	ale:	
eport Created by calle	ctiveFheet 7.0		7/23/2020 9	047 AM			Page 16 of 2

VIN: 1FM5K8AT7EGC384 Miles: 102,210.0 No Mater: 0.0 Location: 02-Sheriff's Campaign # Vendor: 132 - SHERIFF OIL

Parts

\$0.00 \$0.00

\$29.95 \$29.95

\$12.95 \$12,95

\$42.90 \$0.00 VIN: IFM5K8ATTEGC384 Miles: 108,812.0 No Meler: 0.0 Location: 02-Sheriffs Campaign # Close Date O4/30/2019

Parts

\$0.23 \$0.23 \$0.00

\$25.03 \$17.28

Status Closed

Labor

\$0.00

**\$0**.00

\$0.00

\$0.00

\$0.00

\$0.00

Labor

\$17.00 \$17.00 \$0.00

\$34,00

Close Date 02/19/2019

Discounts

\$0.00

\$0.00

\$0.00

19308: 2014 Ford Interceptor Utility

143165 02/1 Bendica A Light Check Light Check Miscellaneous Parts Miscellaneous Labor Cradil Other Lube, Oil & Filler Miscellaneous Parts Miscellaneous Parts Miscellaneous Parts Miscellaneous Parts Miscellaneous Parts Miscellaneous Parts

19308: 2014 Ford Interceptor Utility

<u>WO #</u> 143440

Recall: <u>Open Dale</u> 04/30/2019

Description: som/opm/cpm Discounts

\$0.00

WO# 143165

Recall: External WO:

Open Dale 02/19/2019

#### Work Order Detail

Accident

Total

\$0.00

\$29.95

\$12.85

\$42.90

Total

\$17.23

\$59.03

Page 20 of 24

No Meter: 0.0 Department: 1251-Sheriff's Date: Inv#: 18703493 PO#:

Other

\$0.00

\$0.00 \$0.00

\$0.00 \$0.00

\$0.00

\$0.00

No Meter: 0.0 Department: 1251-ShertTs Date:

Other

\$0.00

50 00 \$0 00

Accident

License Plate:

Down 0.00

Tires

\$0.00

Downtime 0.00

Tirea

License Plate:

Work	Order	Detail
	01001	Dotan

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WO # 143025	Open Data 02/07/2019	Close Date 02/07/2019		beed	Downtima 0.00	Acc	Ident
	Description	EPONTSTRUT	IS/R INNER	TIE ROD/WIPE	RS/LIGHTS		
Detall		Discounts	Parts	Labor	Time	Other	Total
Electrical			\$0.46	\$10,20		\$0.00	\$10,66
194: BULB (	0000		\$0.46	010.00			•
Miscelianeau			\$0.00				
M0053 - Knig	hl, Terry (0.30)			\$10.20			
	Labor Comments:	FRONT MARK	ER LIGHTS				
Miscellaneou	s Labor			\$0.00	- C2		
Credit		\$0.00					
Olher						\$0,00	
Road Test			\$0.00	\$10.20		\$0.00	\$10.20
				\$10.20		\$0.00	410.20
Miscellaneou			\$0.00				
	ht, Terry (0.30)			\$10.20			
Miscellaneou	s Labor			\$0,00			
Credit		\$0.00					
Other		*****				\$0.00	
			\$36.50	\$34.00		\$0.00	\$70.50
iteering				\$34.00		30.00	\$r0.30
	TIE ROD KIT		\$36.50				
(1,000)							
Miscellaneou	s Parta		\$0.00				
	ht, Terry (1.00)			\$34.00			
Miscellaneou				\$0.00			
Credit	s caboi	\$0.00		40.00			
		\$0.00					
Other						\$0.00	
uspension			\$317.88	\$68.00		\$0.00	\$365.88
372730 STR	UT (1.000)		\$158.94				
372729 STR			\$158.94				
Miscellaneou			\$0.00				
	hl. Terry (2.00)		40.00	\$68.00			
Miscellaneou	6 Labor			\$0,00			
Credit		\$0,00					
Other						\$0.00	
Vipers			\$11,42	\$6.80		\$0.00	\$18.22
SP-22: WIPE	PS (1 000)		\$5.17				
			\$6.25				
	ONTOUR (1.000)						
Miscellaneou			\$0.00				
M0053 - Knig	hl, Terry (0.20)			\$6,80			
Miscellaneou	s Labor			\$0.00			
Credit	0 20001	\$0.00					
Other		40.00				\$0.00	
Other						00-00	
		\$0.00	\$356.26	\$129.20	\$0.00	\$0.00	\$495.46
					1000		1912141
0: 2014 Ford I	nterceptor Utility		VIN: 1FM5 Illes: 100.7	K8AT7EGC384 51.0	License	Plate:	
		No M	eler: 0.0		No M	Aeler: 0.0	
		1.00	tion: 02-Sh	oriffe		ment: 1251-SI	affine
	D 16	Campa				Date:	
	Recall						
	External WO:	Ver	ndor: 133 -	SHERIFF		Invil: 213577	
						PO#:	
VO.#	Open Dala	Close Dale		عيام	Downtime	Acc	ident
43109	02/08/2019	02/08/2019		osed	0.00		
	Description;	Aligoment					
			Dorte	Labor	Tires	Other	Tota
letail		Discounts	Parts	Labor	TUBE	20121	1014
		\$0.00	\$0.00	\$0.00	\$75.00	\$0.00	\$75.00

Report Created by collectiveFleet 7.0 07/23/2020 9 47 AM

Description: April Description: April Description: April Description: April Description: April Service A Light Check 194: BULB (1.000) Miscellaneous Labber Credit Direct & Filter Exolise (I. 6000) OF 22500: Oil: FiltEr (1.000) OF AF10242: AR FLTR INTERCEPTO (1.000) Miscellaneous Parts Mosola Knight, Terry (1.00) Miscellaneous Parts \$1.69 \$0.90 \$5.16 \$0.00 \$34.00 \$0.00 \$0.00 Report Created by collectiveFleet 7.0 07/23/2020 9.47 AM

Ollhard					\$0.00	
Other The Rotation Miscellaneous Parts		\$0.00 \$0.00	\$13,60		\$0,00 \$0.00	\$13,60
M0053 - Knight, Terry (0.40)		40.00	\$13,60			
Miscellaneous Labor Credit	\$0.00		\$0.00			
Other	20.00				50,00	
Service B						
Check Brakes		\$192.84	\$34.00		\$0.00	\$226.84
PFH161220: CARBON METALLIC BRAKE PAD (1.000)		\$48,76				
BRRF92: ROTOR, POLICE INTROPTR RE (2,000)		\$144.06				
Miscellaneous Parts		\$0.00				
M0053 - Knight, Terry (1.00) Miscellaneous Labor			\$34.00 \$0.00			
Credit	\$0.00		30.00			
Other					\$0.00	
Replace Fuel Filter		\$16.00	\$3,40		\$0.00	\$19.40
44K: INJ CLEANER (1 000)		\$16.00				
Miscellaneous Parts M0053 - Knight, Terry (0.10)		\$0.00	\$3.40			
Miscellaneous Labor			\$0.00			
Credit	\$0.00					
Other					\$0.00	
Service C						540 AF
Change Transmission Fluid 310: PWS ATC (1.000)		\$10.25 \$10.25	\$3.40		\$0,00	\$13,65
Miscellaneous Parts		\$0.00				
M0053 - Knight, Terry (0.10)		*****	\$3.40			
Miscellaneous Labor			\$0,00			
Credit Other	\$0.00				\$0.00	
Replace wiper blades		\$17.01	\$6.80		\$0.00	\$23.61
11-G: WIPER BLADE (1.000)		\$5.59	+			
SP-22: WIPERS (1.000)		\$5.17				
5P26 26" CONTOUR (1.000)		\$6.25 \$0.00				
Miscellaneous Parts M0053 + Knight, Torry (0,20)		\$0.00	\$6.80			
Miscellaneous Labor			\$0.00			
Credit	\$0.00					
Oher					\$0_00	
Preventive Maintenance		\$3.68	\$17.00		\$0.00	\$20,88
CF1230; CABIN FILTER (1.000)		\$3.88				
Miscellaneous Parts		\$0.00				
M0053 - Knight, Terry (0.50)			\$17,00			
Miscellaneous Labor	*** ***		\$0.00			
Credit Other	\$0.00				\$0.00	
Road Test		\$0.00	\$10.20		\$0.00	\$10.20
Miscellaneous Parts		\$0.00				
M0053 - Knight, Terry (0.30)			\$10.20			
Miscellaneous Labor Credil	\$0:00		\$0.00			
Olher	30.00				\$0,00	
	\$0.00	\$265.24	\$139.40	\$0.00	\$0.00	\$404.84
norf Crasted by collectiveFleet 7.0		07/23/2020	-47 AM			Page 21 of

308: 2014 Ford Int	arceptor Utility	M	iles: 113,72	<pre>KBAT7EGC384 7.0</pre>	License Pl		
			Mur: 0.0	a di tana an		ater: 0.0 ent: 1251-Si	aniff o
	Recall:		tion: 02-Sh	tura a		ent: 1201-01 ale:	
	External WO:			SHERIFF OIL	ī	nv#: 206676 ℃#:	
WO # 143770	Open Data 07/01/2019	Close Date 07/01/2019		alua osed	Downtima 0.00	Acc	Ident
Dotali		Discounts	Parts	Labor	Tires	Other	Total
Service A Light Check Miscellaneous			\$0.00 \$0.00	\$0,00		\$0.00	\$0.00
Miscellaneous			40.00	\$0.00			
Credit	20201	\$0.00					
Olher						\$0,00	
Lube, Oll & Filter			\$29.95	\$0.00		\$0,00	\$29,95
Miscellaneous			\$29.05	\$0.00			
Miscellaneous	Labor	\$0.00		20.00			
Credit Other		30.00				\$0.00	
Tire Rotation			\$12.95	\$0.00		\$0.00	\$12,95
Miscellaneous	Parts		\$12.95	• 117		001	1.1.257
Miscellaneous	Labor			\$0.00			
Credit		\$0.00				50.00	
Other						00.00	
		\$0.00	\$42.90	\$0.00	\$0.00	\$0.00	\$42.90
							<b>E</b> and the second seco
308; 2014 Ford Int	erceptor Utility			KBAT7EGC384	License P	lale:	
			iles: 124,20	69.0			
			eter: 0.0			ater: 0.0	
			tion: 02-5h	eriff's		ent: 1251-St ale:	10mm S
	Recall: External WO:		lgn# dor: 133 - :			ale: nv#: 215101	
	External WO:	ven	uor: 133-1	DHENIT		NW: 215101	
WO# 144431	Open Date 11/13/2019	Close Date 11/15/2019		alun osed	Downtime 0.00	Asc	ident
		Replaced four li					_
Detall		Discounts	Parts	Labor	Tires	01her \$635.00	<u>Total</u> \$635.00
133 - SHERIFF TI 215101, Desc: Re Ilres <del>/elig</del> nment						2039100	\$535,0U
		\$0.00	\$0.00	\$0.00	\$0.00	\$635,00	\$635.00
9308: 2014 Ford Int	erceptor Utility		VIN: 1FM5	KBAT7EGC384	License P	lale:	
	Recall:		llon: 02-Sh			ent: 1251-Si Jale:	a Thirpe
WO#	Onen Date	Campa Cinse Date		atus	Downtime		Ident
144584	12/16/2019	12/17/2019		osed	0,00		
8.00 C	Comments:		Dente	Labor	Пгез	Other	Total
<u>Delali</u> Serviçe A		Discounts	Paris	Ladot	TITUR	PATILITY .	The state

				Wo	rk Ord	ler Deta
Light Check		\$0.00	\$17.00		\$0,00	\$17.00
Miscellaneous Parts		\$0.00				
M0053 - Knighi, Terry (0.50)			\$17.00			
Miscellaneous Labor			\$0,00			
Credit	\$0.00				\$0.00	
Other Lube, Oll & Filter		\$26.68	\$17.00		\$0.00	\$43.68
DRUM GREASE: DRUM		\$0.90	417.00		40.00	440.00
GREASE SUPER (5 000)		40.40				
OF22500: OIL FILTER (1.000)		\$2.02				
5W30 SYN: SYNTHETIC		\$17.58				
ENGINE OIL (6.000)						
AF 10242: AIR FLTR		\$6.18				
INTERCEPTO (1,000)						
Miscellaneous Parls		\$0.00	\$17.00			
M0053 - Knighi, Terry (0.50) Miscellaneous Labor			\$0.00			
Credit	\$0.00		40100			
Other	00.00				\$0.00	
Tire Rotation		\$0.00	\$13.60		\$0.00	\$13.60
Miscellaneous Perts		\$0.00				
M0053 - Knight, Terry (0.40)			\$13,60			
Miscellaneous Labor			\$0.00			
Credit	\$0.00					
Olher					\$0.00	
Service B						
Service B Check Brakes		\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous Parts		\$0.00	\$0.00		40.00	40.00
M0053 - Knight, Terry (0.00)		40.00	\$0.00			
Miscellaneous Labor			\$0.00			
Credit	\$0.00					
Other					\$0.00	
Replace Fuel Filler		\$16.00	\$3.40		\$0.00	\$19,40
44K: INJ CLEANER (1.000)		\$16.00				
Miscellaneous Parts		\$0.00	\$3.40			
M0053 - Knighl, Terry (0.10) Miscellaneous Labor			\$0.00			
Credil	\$0.00		\$0.00			
Olher	40,00				\$0.00	
Guidi						
Cabin Filter		\$3.69	\$17.00		\$0.00	\$20.69
CF1230; CABIN FILTER		\$3.69				
(1.000)						
Miscellaneous Parts		\$0.00				
M0053 - Knighl, Terry (0.50) Miscellaneous Labor			\$17.00			
Credit	\$0.00		\$0.00			
Other	00.00				\$0.00	
	\$0.00	\$46,37	\$68.00	\$0.00	\$0.00	\$114.37
308: 2014 Ford Interceptor Utility			KBAT7EGC384	License	Plate:	
	1.0	Miles: 131,2 cation: 02-Si		Dapad	ment: 1251-St	veriff's
Recall:		palgn #			Date:	
WO# Open Data	Close Da		tatus	Downlims	Acc	Ident
144784 02/05/2020	02/07/202		losed	0.00		
	Discounte	Parts	Labor	Tires	Other \$0.00	Total \$19.82
Wipers		\$11.42 \$5.17	\$8.40		\$0.00	\$19.82
SP-22: WIPERS (1.000)		\$3.17				
port Created by collocity#Floot 7.0		07/23/2020				Page 23 of

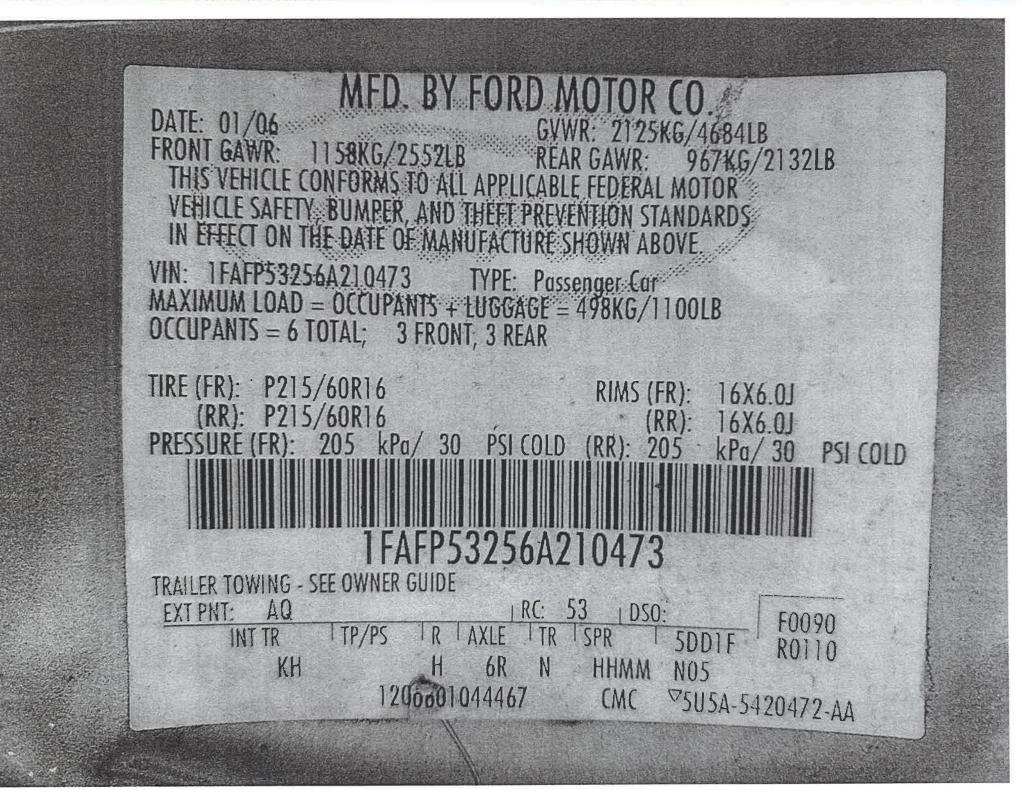
#### Work Order Detail

None     None       ISJ08: 2014 Ford Interceptor Utility       VIN: 1FKKKEAT/EGC394       Mile: 131/279.0       Location: 125-bienif's       Date: Invelopment       Constant: 125-2: SHERIFF OLL       Date: Invelopment       NONE Worder: 132: SHERIFF OLL       Department: 1251-Sheniff's       Date: Invelopment       NONE Worder: 132: SHERIFF OLL       Department: 1251-Sheniff's       Date: Invelopment       None Zation: 22-SHERIFF OLL       Department: 1251-Sheniff's       Date: Invelopment       Date: Invelopment <th c<="" th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th>	<th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>								
Massellaneous Parts         \$0.00         \$3.40           M0053 - Mohn, Terry (20) Mosolianeous Labor Credit         \$0.00         \$3.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$1.42         \$8.40         \$0.00         \$1.00         \$1.00         \$1.00         \$1.00         \$0.00         \$0.00         \$1.00	SP26: 26"	CONTOUR (1.000)							
M053 - Kright, Terry (0.20) Miscellaneous Labor Credit         \$ 30.00         \$ 34.0 S0.00           0208: 2014 Ford Interceptor Utility         S0.00         \$ 50.00         \$ 50.00           0208: 2014 Ford Interceptor Utility         ViN: 1FK/5K8AT7EGC394 Milles: 131.273.0 Location: 02-5herifs         License Plate: Understress         Department: 1251-Sheniffs           0208: 2014 Ford Interceptor Utility         ViN: 1FK/5K8AT7EGC394 Milles: 131.273.0 Location: 02-5heriffs         Department: 1251-Sheniffs           0208: 2014 Ford Interceptor Utility         ViN: 1FK/5K8AT7EGC394 Milles: 131.273.0 Location: 02-5heriffs         Department: 1251-Sheniffs           VID #         Clone Date         Clone Date         Date: Invel         Date: Invel         Date: Invel           VID #         Clone Date         Status         Dewontima         Accident           VID #         Clone Date         Status         Downtima         Accident           VID #         Clone Date         Status         Downtima         Accident           VID #         Clone Status         Status         Downtima         Accident           VID #         Status         Status         Downtima         Status           VID #         Status         Status         Downtima         Status           VID #         Status         Status </td <td></td> <td></td> <td></td> <td>\$0.00</td> <td></td> <td></td> <td></td> <td></td>				\$0.00					
Miscollaneous Labor Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$11.42         \$8.40         \$0.00         \$0.00         \$1308:           \$0.00         \$11.42         \$8.40         \$0.00         \$0.00         \$1308:         \$10.00         \$11.42         \$8.40         \$0.00         \$0.00         \$1308:           \$0.00:         \$11.42         \$8.40         \$0.00         \$0.00         \$1308:         \$1008:									
Other         S0.00           S0.00         \$0.00         \$11.42         \$8.40         \$0.00         \$13           9308: 2014 Ford Interceptor Utility         Wilk: 1FK/SE8317EGC394         License Plats:         Department:         131.72.00           9308: 2014 Ford Interceptor Utility         Wilk: 1FK/SE8317EGC394         License Plats:         Department:         125-Sheriffs           Rectifi:         Campaign #         Campaign #         Department:         125-Sheriffs         Department:         126-Sheriffs           WID.#         Deno.Data         Close Data         Status         Downtima         Accidiant           VID.#         Deno.Data         Close Data         Status         Downtima         Accidiant           VID.#         Discounts         Part         Libert         To         Desartment:         127-Sheriffs           VID.#         Damo.Data         Close Data         Status         Downtima         Accidiant           Service A         Discounts         Part         Status         Status         Status         Status           Miccellancous Parts         \$12.40         \$0.00         \$0.00         Status         Status         Status         Status           Upt Of the Parts         \$10.00					\$0,00				
St.0.0         \$11.42         \$8.40         \$0.00         \$1.92           9338: 2014 Ford Interceptor Utality         Mile: 151.273.0 Mile:: 131.273.0 Mile:: 131.273.0	Credit		\$0.00						
Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2"Colspan	Other						\$0.00		
Note of the second of the sec									
B308: 2014 Ford Interceptor Utility     VIN: 11FMS(KSAT7EG0234 License Plane: Location: 02-Sheinf5 Location: 02-Sheinf5 Laternal W0: Carendaria     License Plane: Damate: 1251-Sheinff5 License Plane: Damate: 1251-Sheinff5 Vondor: 132-Sheinff5 Vondor: 132-Sheinff5 Vondor: 132-Sheinff5 Damate: 1251-Sheinff5 Damate: 12			\$0.00	\$11.42	\$8.40	\$0.00	\$0.00	<u>\$19.6</u> ;	
Location: 02-Sheirifs         Department: 1251-Sheiffs         Date: Date: Invet: 2007/2331           WO if H44866         Dano Data 02/10/2020         Close Data 02/10/2020         Status 02/00/2020         Dowolfma         Acclident           Viol if H44866         Dano Data 02/10/2020         Status 02/00/2020         Dowolfma         Acclident           Service A         Discounts         Paris         Labor         Discounts         Acclident           Upt Cherker         Status         Status         Dowolfma         Acclident         Tre           Service A         Discounts         Paris         Labor         Discounts         Status         Status         Other         Tre           Upt Cherker         \$1000         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$42           Other         \$0.00 <td colspan="2">9308: 2014 Ford Interceptor Utility</td> <td>10.0</td> <td></td> <td></td> <td>License</td> <td>Plate:</td> <td></td>	9308: 2014 Ford Interceptor Utility		10.0			License	Plate:		
Result         Campaign #         Date: Invest: 2097/2931         Date: Invest: 2000         Date: Invest: 2000         Date: Invest: 2000         S0.00			1			Departs	ment: 1251-S	heriff's	
External WO:         Vendor: 132 - SHERIFF OIL         Inverti 206772931           VYO.#         Dano Data 02/10/2020         Close Data 02/10/2020         Status 02/00/2020         DownUma 0.00         Accident           Datall Service A         Discounts 02/10/2020         Parts         Labor         Discounts         Accident           Vid.#         Discounts         Parts         Labor         Discounts         Tres         Discounts         Tres           Service A         Sto.00         \$0.00		D . CON						itoriti a	
VICL # 144686         Dana Data 02/10/2020         Close Data 02/10/2020         Status 02/10/2020         Domina         Accident           Datall Service A         Discounts 02/10/2020         Paris 20/00/2020         Labor Closed         Discounts 0.00         To Source         Source								031	
WD_B         Dome. Data         Close Data         Status         Dometima         Accidant           144866         02/10/2020         Close Data         Close Data         0.00         0.00           Service A         Discounts         Parts         Labor         Tires         Clinur         Tires           Service A         Status         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Miscollameous Parts         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Office         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Credit         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$42           Miscollameous Labor         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Miscollameous Labor         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00		External web:	v	endor: 132	ONENIFF OIL			551	
Table         D2/10/2020         D2/10/2020         Closed         0.00           Datal         Discounts         Parts         Labor         Dires         Diler           Total         Discounts         Parts         Labor         Dires         Diler         To           Service A         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Misculameous Parts         \$0.00<	WO #	Onen Date	Close De	10 5	datus	Downtime		ident	
Disisi         Discounts         Parts         Labor         Tires         Other           Service A         So.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Miscollaneous Parts         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Credit         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Labbacitaneous Parts         \$42.40         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00<									
Distail         Discounts         Parts         Labor         Dires         Other           Light Check         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Miscolaneous Parts         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$42.40           Miscolaneous Labor         \$42.40         \$0.00         \$0.00         \$42.40         \$0.00         \$42.40           Miscolaneous Labor         \$0.00         \$0.00         \$0.00         \$0.00         \$42.40           Miscolaneous Labor         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00 <td>144000</td> <td>DEFICIENCE</td> <td>0110,201</td> <td></td> <td></td> <td></td> <td></td> <td></td>	144000	DEFICIENCE	0110,201						
Light Check         \$0.00         \$0.00         \$0.00         \$0.00           Miscollaneous Parts         \$0.00         \$0.00         \$0.00         \$0.00           Credit         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         Lube, Oli & Filter         \$42.40         \$0.00         \$0.00         \$42           Miscollaneous Labor         \$0.00         \$0.00         \$0.00         \$42         \$0.00         \$42           Miscollaneous Labor         \$0.00         \$0.00         \$0.00         \$0.00         \$42           Miscollaneous Labor         \$0.00			Discounts	Paris		Tices	Other	Tola	
Miscellamous Parts         \$0.00         S0.00           Miscellamous Lattor         \$0.00         \$0.00           Credit         \$0.00         \$0.00           Credit         \$0.00         \$0.00           Uber         \$42.40         \$0.00         \$42           Miscellamous Parts         \$42.40         \$0.00         \$42           Miscellamous Parts         \$42.40         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Miscellaneous Parts         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Miscellaneous Parts         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00									
Miscollameous Labor Credit         \$0.00         \$0.00           Uher         \$1.00         \$0.00         \$0.00           Uher         \$1.24,01         \$0.00         \$0.00         \$42,40           Miscollameous Parts         \$42,40         \$0.00         \$0.00         \$42,40           Miscollameous Labor Credit         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           The Rotation         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Miscollameous Labor Credit         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Miscollameous Labor Oredit         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Source         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00					\$0.00		\$0.00	\$0.0	
Credit         \$0.00         \$0.00         \$0.00         \$0.00         \$42.40         \$0.00         \$42.40           Miscelameous Parts         \$42.40         \$0.00         \$0.00         \$42           Miscelameous Parts         \$42.40         \$0.00         \$0.00         \$0.00           There Rotation         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           There Rotation         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Miscelameous Parts         \$0.00				\$0.00					
Other         \$1,2,0,0         \$1,2,4,0         \$0,0,0         \$1,42           Miscellaneous Parts         \$1,42,40         \$0,0,0         \$1,42         \$0,0,0         \$1,42           Miscellaneous Labor         \$0,0,0         \$0,0,0         \$0,0,0         \$1,0,0         \$1,22           Other         \$0,0,0         \$0,0,0         \$0,0,0         \$0,0,0         \$1,0,0         \$1,0,0           Miscellaneous Labor         \$0,0,0         \$0,0,0         \$0,0,0         \$0,0,0         \$0,0,0         \$0,0,0         \$0,0,0         \$0,0,0         \$0,0,0         \$0,0,0         \$0,0,0         \$0,0,0         \$0,0,0         \$0,0,0         \$0,0,0         \$1,22		ous Labor			\$0.00				
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Miscellaneous Labor Credit         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00           Miscellaneous Parts         \$0.00         \$0.00         \$0.00         \$0.00           Miscellaneous Parts         \$0.00         \$0.00         \$0.00         \$0.00           Cradit         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00					\$0.00		\$0.00	\$42.4	
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Other         \$0.00 <th< td=""><td></td><td>ous Labor</td><td></td><td></td><td>\$0.00</td><td></td><td></td><td></td></th<>		ous Labor			\$0.00				
Thre Rotation         \$0.00			\$0.00						
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where a second of the first of second of a second	Other						\$0.00		
where a second of the first statement of a second				A 10 10		£0.00	£0.00	E 40 4	
			\$0,00	\$42,40	\$0.00	30.00	\$0.00	242.4	
Grand Total: \$0.00 \$3,975.63 \$1,337.60 \$2,412.47 \$635.00 \$8.360	10 C 11 C 1	Contract States and			11. million (1997)				
		Grand Total:	\$0.00	\$3,975.63	\$1,337.60	\$2,412.47	\$635.00	\$8.360.9	

Report Created by collectiveFleat 7.0

Date: 06-17-2020	Fixed Asset Tag Number: 15341	14
Description of Asset: 2006 Ford Taurus,	Tan (127,xxx miles)	
Requested Means of Disposal: Sell	]Trade-In []Recycle/Trash []Oth	er, Explain:
Other Information (Serial number, etc.): V	/IN: 1FAFP53256A210473	RECEIVED
Condition of Asset: Poor		JUL 31 2020
Reason for Disposition: Vehicle replaced	in 2020.	BOONE COUNTY AUDITOR
Location of Asset and Desired Date for R	emoval to Storage: BCSD rear gravel par	king lot
Was asset purchased with grant funding? If "YES", does the grant impose res If yes, attach documentation dem	triction and/or requirements pertaining to constrating compliance with the agency's r	estrictions and/or requirements.
Dept Number & Name: 1251 Sheriff En	forcement Signature <b>Day</b>	I allorah 07/23/2020
To be Completed by: AUDITOR           Original Acquisition Date         /2	<u>G/L Account f</u>	or Proceeds <u>2901-3835</u>
Original Acquisition Amount 12,		
Original Funding Source 2787		
Account Group1605		
To be Completed by: COUNTY COM	MISSION / COUNTY CLERK	
Approved Disposal Method:		
Transfer Department Na	me	_Number
Location within	Department	
Individual		
TradeAuction	Sealed Bids	
Other Explain		
Commission Order Number_388-	202.0	
Date Approved	M	
Signature	7	

MAINSCR B	OONE	Fixed As	sset - Vie	ew Only	BCE	PUBLIC	10:10:42 7/23/20
Trns <u>N</u> Tag Description			eplaced <u>N</u>	To Adjustmer		ocess -	t Posted <u>12 2012</u>
Acquired	<u>12/31/200</u>	5 Acq Amt	12,292.	00	Useful	_ Life Mon	2,458.40
Acct Grp	<u>1605 VE</u>	HICLES					2,430.40
Category	<u>10</u> AUTC	MOBILES			Res Va	al 8 <u>20</u>	
Location	1251 SHEF	IFF			Tag ir	n Book <u>N</u>	
Purch Dept	2901 SHEF				Book ]	[D]	55
Inventory	Date <u>12/01</u>	/2018 Inv Stat	us <u>Found</u>	- No Char	nqe		
Site Loc	Boone Cou	nty Sheriff/Co	orrections	3			
Site Detl	Fleet						
Make	FORD		Mode]	L TAURUS			
Serial	1FAFP5325	6A210473	Note				
Invoice	127553		Chec				
Vendor	507 3	JOE MACHENS FOI					
Bid#	C10601600	)1					
User							
Calculated	Fields H	Book Value	Lii				
Dep St Dt		3					
Adj Total			9,8	833.60-	Acm Dep	Ytd	.00
* NOTES *		Total C	ost	12,292.00			
F2=Key Scr	F3=Exit	F	11=Grant		F23=Bid	F22=Hist	F24=More



COLLECTIVE DATA						
Home Asset O Dashboard	Employee Fuel Log Inspection	on Parts Parts Order	Guick Meter Update	To Do List Work (	Corder PM Sci	neduled Tasks
Filter: <stancard> 🛩 🗄</stancard>	user text there of filter ( ) ( ) Apply	📔 🏷 Clear 🛛 🍙 Advan	ced			
467 of 690 H K K K Records	> > Fave	7473: 2006 Ford	Taurus			
🗶 Run Report 🔍 Ad-Hoo Repo	n.					
Hain Specifications Acqui	isition Info Attached Assets	Tools Scheduling	Details Documents f	Pictures Tires	Occupants	Life Cycle / Depreciation
General Info			TON CLASS AND AND A LAND	0 2 24 1 20 1 20		- *** - ********
Template	Veh de		an a secondaria da a su se Secondaria da secondaria da secondaria da secondaria da secondaria da secondaria da			· · · · · · · · · · · · · · · · · · ·
Asset No.1	7473	a sound of	Yeat	2008	1 == 10.7m	
Fixed Asset No.	15341					24 × 2
Туре	23: Passenger SUV	<b>T</b> 1-2	Sub Type			· · · · · · · · · · · · · · · · · · ·
Make	Fore		Model	a en	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Å^les.	137,196.0	ALCO DE DUIT PER LIDINE.	. Miles Updated*	07/17/2020		
License Plate No	C69-M10	Ĵ.	License Plate State			×
VIN	1FAFP53256A210472	an an tanta a A' t		2 18 JA 83	) into	
		and the second second production of	e voe liesel en devic en per pe			
Location	11 1. VII V 41 1.445434	1	General - Constant and I and	1)-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-		
Loost on	02-Sheriff's Department and Jail		Department	1281-Sheriffs Depa	dmant	• >> •
		1000 × 10 80 × 10 00 9		- 1 # # A	0 - 0 - 0 - 0	1915 - Y 115 - 52 V

73: 2008 Ford T	aurus			53256A21047	License Pi	ele: CB9-M1D	
		No Mele	s: 13,788 or: 0.0 n: 02-Sh		No Me Departm	ter: 0.0 enl:	
	Becall	Campalg		ocura-		ate:	
WO# 4826	Open Date 03/22/2007	Close Date 03/22/2007	SL	alua xed	Downtime 0.00	Accider	11
1020							
	Description:	RPL WIPER BLAD			and in the second		Teres
Detail		Discounts	Parts	1 abor \$0.00	TICAL	01har \$0.00	Total \$0.00
RPL BLADES	- Devi-		\$0.00	\$0.00		\$0.00	20.00
Miscellaneo Miscellaneo			30.00	\$0.00			
Credil	uş Lavoi	\$0.00		40.00			
Other		40,00				\$0.00	
WIPER BLADE	s		\$4.75	\$0.00		\$0.00	\$4.75
31-22 (1.00	D)		\$4.75				
Miscellaneo	us Perts		\$0.00				
Miscellaneo	us Labor			\$0 00			
Credit		\$0.00				\$0.00	
Olher				\$0.00		\$0.00	\$4.80
WIPER BLADE			\$4.80 \$4.80	20.00		40.00	94.00
31-20 (1.00 Miscellaneo	V) Ve Bede		\$0.00				
Miscellaneo			40.00	\$0.00			
Credit		\$0.00		4-/			
Other						\$0.00	
Work Order La			\$0.00	\$8.50		\$0.00	\$6.50
Miscellaneo			\$0.00				
M0009 (0.3				\$6.50			
Miscellaneo	us Labor			\$0.00			
Credit		\$0.00				\$0.00	
Other							
		\$0,00	\$9,55	\$8,50	\$0.00	\$0.00	\$18.05
173: 2006 Ford 1			-	P53256A21047	License P	ale: CB9-M1D	
473: 2008 POID	eurue	MU	a: 22.88	9.0	2.0011001		
		No Met			No M	eler: 0.0	
		Locatio	n: 02-Sh	eriff's	Departm	iont:	
	Recall:	Campalg				lete:	
WO #	Open Date	Close Date		atus	Downlime	Accide	ni
6005	01/24/2008	01/24/2008	CI	osed	0.00		
	Description:	MVI			-	1.0.0	Concerning of
Datall		Discounta	Parte	Labor	Tires	Other	Total
IVM			\$0.00	\$0.00		\$9.00	\$0.00
Miscellaneo			\$0.00	\$0.00			
Miscellaneo Credit	ous Labor	\$0.00		\$0.00			
Other		\$0.00				\$0.00	
Work Order L	abor		\$0.00	\$18.02		\$0.00	\$18.02
Miscellaneo			\$0.00			•	
M0053 (0.5				\$18.02			
Miscellaneo				\$0.00			
Credit		\$0.00				<b>*</b> 0.00	
Olher						\$0,00	
		\$0.00	\$0.00	\$18.02	\$0.00	\$0.00	\$18,02
	and the second	•••		P53256A21047	Octave 6	late: CB9-M1D	1000
473: 2006 Ford	leurus	V	IN: 1FAF	P03256A21047	License P	Hate: CER-MITU	

Report Created by collectiveField 7.0 07/23/2020 10:07 AM

### Work Order Detail

Baseline A Light Check Miscellaneous Labor Credit         Diazona So.00         So.00 So.00	Detall	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	APM	Parts	Labor	Tires	Other	Total
Light Check 50.00 50.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 Miscellaneous Parts 50.00 \$0.00 \$0.00 \$0.00 \$21.95 Miscellaneous Parts 521.95 \$0.00 \$0.00 \$0.00 \$21.95 Miscellaneous Parts 521.95 \$0.00 \$0.00 \$0.00 \$21.95 Miscellaneous Parts 50.00 \$0.00 \$0.00 \$0.00 \$21.95 Miscellaneous Parts 50.00 \$0.00 \$0.00 \$0.00 \$21.95 Miscellaneous Parts 50.00 No Meter: 0.0 Department: Department: D					Loon at		_	
Miscellaneous Parts         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$21.95         \$0.00         \$0.00         \$21.95         \$0.00         \$0.00         \$21.95         \$0.00         \$0.00         \$21.95         \$0.00         \$0.00         \$21.95         \$0.00         \$0.00         \$21.95         \$0.00         \$0.00         \$21.95         \$0.00         \$0.00         \$21.95         \$0.00         \$0.00         \$21.95         \$0.00         \$0.00         \$21.95         \$0.00         \$0.00         \$21.95         \$0.00         \$0.00         \$21.95         \$0.00         \$0.00         \$21.95         \$0.00         \$0.00         \$21.95         \$0.00         \$0.00         \$21.95         \$0.00         \$0.00         \$21.95         \$0.00         \$0.00         \$21.95         \$0.00				\$0.00	\$0.00		\$0.00	\$0.00
Credit Other         \$0.00         \$0.00         \$0.00         \$0.00         \$21.95           Ubes of large status Miscellaneous Parts         \$21.95         \$0.00         \$0.00         \$21.95           Miscellaneous Parts         \$0.00         \$0.00         \$0.00         \$0.00         \$21.95           Miscellaneous Parts         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Credit         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$21.95           I/73: 2006 Ford Taurus         Vin: IFAFP53256A21047 Missellaneous Parts         License Plais: C89-M1D         No Meter: 0.0         No Meter: 0.0           Y20 #         Operational Campalon         \$25.00         \$0.00         No Meter: 0.0         No Meter: 0.0           Y20 #         Operational Campalon         \$25.00         \$0.00         \$0.00         No Meter: 0.0         No Meter: 0.0           Parts         Compalon         \$0.00 <td></td> <td>ris</td> <td></td> <td>\$0.00</td> <td></td> <td></td> <td></td> <td></td>		ris		\$0.00				
Öther Miscellaneous Parts         \$21.95         \$0.00         \$21.95           Miscellaneous Labor Credit         \$0.00         \$0.00         \$0.00         \$21.95           Vite, 1947         \$0.00         \$0.00         \$0.00         \$0.00         \$21.95           Vite, 1947         \$0.00         \$0.00         \$0.00         \$0.00         \$21.95           Vite, 1947         \$0.00         \$0.00         \$0.00         \$0.00         \$21.95           Vite, 1947         1947         \$0.00         \$0.00         \$0.00         \$0.00           1941         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           1941         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           1941         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           1941         \$0.00	Miscellaneous La				\$0.00			
Lum OID & Filter \$21.95 \$0.00 \$0.00 \$21.95 Miscellaneous Parts \$21.95 Other \$0.00 \$21.95 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$21.95 T3: 2008 Ford Taurue Vik: 1FAFP53256A21047 Miscellaneous Parts 104 Vic: 1FAFP53256A21047 Miscellaneous Parts 104 Vic: 1FAFP53256A21047 Miscellaneous Parts 104 Miscellaneous Parts 104 Miscellaneous Parts 10.00 Other \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 BG Miscellaneous Parts 10.00 Miscellaneous Parts 10.00 Credit 10			\$0.00					
Miscellaneous Parts         \$21.95         Kind           Miscellaneous Labor Credit         \$0.00         \$0.00         \$0.00         \$0.00           73: 2008 Ford Taurue         Vite: 17A-FP53256A21047 Miles: 34,95.00         License Plate: C89-M1D         No Meter: 0.0         No Meter: 0.0           73: 2008 Ford Taurue         Vite: 17A-FP53256A21047 Miles: 34,95.00         No Meter: 0.0         No Meter: 0.0         Department:           WO #         Creans Data         Class Data         Class Data         Department:         Department:           WO #         Creans Data         Class Data         Status         Department:         Department:           WO #         OH27/2008         Closed         0.00         \$0.00         \$0.00           Miscellaneous Labor         Status         Status         Status         Outorulina         \$0.00           Other         Bianus         50.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         Status         Status         Status         \$0.00         \$0.00         \$0.00           Other         Status         Status         Status         \$0.00         \$0.00         \$0.00           Other         Status         Status         Status								
Mitscellameous Labor Credit         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           73: 2006 Ford Taurus         \$0.00         \$21.95         \$0.00         \$0.00         \$0.00         \$0.00         \$22.95           73: 2006 Ford Taurus         Vik: 1FAFP53256A21047 Milliss: 34,9450         Licenston iz 25 Shuff is: C89-M1D         No Mater: 0.0         No Mater: 0.0           73: 2006 Ford Taurus         Recall: Daam Dais         Compain iz 25 Shuff is: C89-M1D         No Mater: 0.0         No Mater: 0.0           741         Onern Dais         So.00         No Mater: 0.0         Department: Downlimma         Downlimma         Accidant           7041         Oder Taurus         So.00         \$0.00         Tatal         Tatal         Tatal           FUE In TER         So.00         \$0.00 <td></td> <td></td> <td></td> <td></td> <td>\$0,00</td> <td></td> <td>\$0.00</td> <td>\$21.95</td>					\$0,00		\$0.00	\$21.95
Credit Other         \$0.00         \$21.95         \$0.00         \$0.00         \$21.95           173: 2008 Ford Taurus         Viki: 17A/FP53256421047 Miles: 24,95.00         License Plate: C89-M1D         No Meter: 0.0 No Meter: 0.0 Licenstance: 20.5 the UP         No Meter: 0.0 Department: Date: Dotter Taki         No Meter: 0.0 Department: Depa				\$21.05	** **			
Other         50.00         \$0.00         \$0.00         \$21.95           173: 2008 Ford Taurus         Vik: 17A-PP53256A21047         License plais: C39-M1D         Miles: 34,945.0         No Meter: 0.0           173: 2008 Ford Taurus         Vik: 17A-PP53256A21047         License plais: C39-M1D         No Meter: 0.0           WO #         Onen Data         Closal Data         Status         Department:           YO #         Onen Data         Closal Data         Status         Department:           YO #         Over Data         Closal Data         Status         Domnitima         Accliant           YO #         Over Data         Closal Data         Status         Domnitima         Tatul           PUEL FLTER         Diannuta         Status         Diannitima         Tatul           PUEL FLTER         Status         Status         Diannitima         Status           Oliver         Status         Status         Status         Status           Oliver         Status         Status         Status         Status           Oliver         Status         Status         Status         Status         Status           Oliver         Status         Status         Status         Status         Status		bor			\$0.00			
Construint         Construint         Construint         Literase Plats:         CB9-M1D           73: 2006 Ford Taurus         Miles: 34,945.0         No Meter: 0.0         No Meter: 0.0         No Meter: 0.0           Y0: If         Open Data         Close Internet:         Department:         Department: <tdd< td=""><td></td><td></td><td>\$0,00</td><td></td><td></td><td></td><td>\$0.00</td><td></td></tdd<>			\$0,00				\$0.00	
Unit         Unit <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>*** **</td></th<>								*** **
Miles:         24,9450         No Meter:         0.0           NO. 100 F100 F100 F100 F100 F100 F100 F100			\$0.00					\$21.95
Literation: 02.5 iteraffs         Department: Data Parti         Data Data Data (M27200         Department: Disculation (M27200         Department: Disculation (M272000         Department: Disculation (M272000         Department: Disculation (M272000         Department: Disculation (M272000         Department: Disculation (M272000         Department: Disculation (M272000         Disculation (M272000         Disculation (M2720000         Disculation (M2720000         Disculation (M2720000         Disculation (M27200000         Disculation (M27200000         Disculation (M27200000000000000000000000000000000000	73: 2006 Ford Tauru	1		Miles: 34,945				
Resalt         Campaign * Oter Case Data (2008)         Date (2008)         Date (2008)         Date (2008)         Date (2008)           Description:         RPR FUEL SYSTE         Differ         Date (2008)         Differ					-14			
VYCA ft 7641         Description: O4/27/2008         Close Data O4/27/2008         Status Close         Downtime O400         Accident           Datali Piel FILTER         Discounts         Parts 50.00         Lines         Titres 04/07         Tatal 0.00         Tatal 0.00           Miscellaneous Parts         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other Miscellaneous Labor Credi         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           BG Miscellaneous Labor Credi         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Gither Miscellaneous Labor Credi         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other Credi         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other Credi         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other Credi         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Miscellaneous Labor Credi         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Miscellaneous Labor Credi         \$0.00         \$0.00         \$0.00         \$0.00 <td< td=""><td></td><td></td><td></td><td></td><td>wall's</td><td></td><td></td><td></td></td<>					wall's			
Tash         Od/27/2003         Od/27/2003         Closed         0.00           Description: RPR FUEL SYSTEM           Datall FUEL FLTER         Discounts         Parts         Labor         Tatal           FUEL FLTER         Discounts         Parts         Labor         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Miscellaneous Parts         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00								-1
Datal         Discounts         Parts         Lator         Thes         Other         Tatal           Miscellaneous Labor         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           BG INJECTOR CLEANER         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Miscellaneous Parts         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00 <t< td=""><td></td><td></td><td>Ctoss Dal 04/27/200</td><td>e Sta 9 Cic</td><td></td><td></td><td>Accide</td><td>201</td></t<>			Ctoss Dal 04/27/200	e Sta 9 Cic			Accide	201
FUEL FUTER         50.00         50.00         50.00         50.00           Miscellaneous Parts         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           TRES         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Storellaneous Labor         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Credit         \$0.00         \$0.00         \$0.00         \$0.00		Description			11 - 12 - 12 - 12 - 12 - 12 - 12 - 12 -	-	Y	
Miscellanous Parts         \$0.00         \$0.00           Miscellanous Labor         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00           BG INJECTOR CLEANER         \$0.00         \$0.00         \$0.00         \$0.00           Miscellanous Parts         \$0.00         \$0.00         \$0.00         \$0.00           Miscellanous Parts         \$0.00         \$0.00         \$0.00         \$0.00           Miscellanous Labor         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Miscellanous Labor         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00			Discounts			Inca	CHBR!	
Miscellaneous Labor Order         \$0.00         \$0.00           Other B(INJECTOR CLEANER         \$0.00         \$0.00         \$0.00         \$0.00           Miscellaneous Parts         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00           Miscellaneous Parts         \$0.00         \$0.00         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00         \$0.00         \$0.00           Crodit         \$0.00         \$0.00         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00         \$0.00         \$0.00           Stope Super LES         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Stope Super LES         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           HisedRaneous Parts         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00					\$0,00		20100	30.00
Credit         \$0.00 <t< td=""><td></td><td></td><td></td><td>\$0.00</td><td>£0.00</td><td></td><td></td><td></td></t<>				\$0.00	£0.00			
Öther         \$0.00           BGI NJECTOR CLEANER         \$0.00         \$0.00         \$0.00           Miscellanoous Paris         \$0.00         \$0.00         \$0.00           Crodit         \$0.00         \$0.00         \$0.00           Crodit         \$0.00         \$0.00         \$0.00           AIR FILTER         \$0.00         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00         \$0.00           Crodit         \$0.00         \$0.00         \$0.00           Miscellaneous Paris         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00           Stop StipPLIES         \$0.00         \$0.00         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00         \$0.00         \$0.00           Crodit         \$0.00         \$0.00         \$0.00         \$0.00         \$14.31           Miscellaneous Labor         \$0.00		bor			\$0.00			
BG NUCCTOR CLEANER         \$5.00         \$0.00         \$0.00         \$0.00           Miscelanoous Parts         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           All FILTER         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Miscellanoous Labor         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Miscellanoous Labor         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Miscellanoous Parts         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           SHOP SUP LES         \$0.00         \$			\$0.00				\$0.00	
Miscellaneous Parts         \$0.00         Non-           Miscellaneous Labor         \$0.00         \$0.00           Other         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00           Other         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00           Other         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00           Other         \$0.00         \$0.00           INJ CLEANER         \$14.31         \$0.00           <				60.00	80.00			\$0.00
Miscellaneous Labor         \$0.00           Credit         \$0.00         \$0.00           Other         \$0.00         \$0.00           AIR FILTER         \$0.00         \$0.00           Miscellaneous Parts         \$0.00         \$0.00           Oddit         \$0.00         \$0.00           Oddit         \$0.00         \$0.00           Other         \$0.00         \$0.00           Oddit         \$0.00         \$0.00           TRES         \$0.00         \$0.00           Miscellaneous Parts         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00           Credit         \$0.00         \$0.00           SHOP SUPPLIES         \$0.00         \$0.00           Miscellaneous Parts         \$0.00         \$0.00           Other         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00           Other         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00           Other         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00           Credit         \$0.00         \$0.00					40.00		40.00	
Credit         \$0.00           Other         \$0.00           AIR FILTER         \$0.00           Miscellaneous Parta         \$0.00           Other         \$0.00           Miscellaneous Labor         \$0.00           Other         \$0.00           INJ CLEANER         \$14.31           Miscellaneous Labor         \$0.00           Other				40.00	\$0.00			
Öther Misculaneous Parts         50.00 80.00         50.00 80.00         50.00 80.00         50.00 80.00           TRES Misculaneous Labor Credit         50.00 80.00         50.00 80.00         50.00 80.00         50.00 80.00           TRES Misculaneous Labor Credit         50.00 80.00         50.00 80.00         50.00 80.00         50.00 80.00         50.00 80.00           SHOP SUPPLIES SHOP SUPPLIES Misculaneous Parts Misculaneous Parts Misculaneous Parts Misculaneous Parts Misculaneous Parts Misculaneous Parts Misculaneous Parts Misculaneous Labor Credit         50.00 80.00         50.00 80.00         50.00 80.00         514.31 80.00 80.00         514.31 80.00 80.00         514.31 80.00 80.00         514.31 80.00 80.00         51.36 80.00 80.00         57.36 80.00         57.36			\$0.00		40.00			
AIR FILTER         60.00         50.00         \$0.00           Miscellaneous Parta         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00         \$14.31           Miscellaneous Labor         \$0.00         \$0.00         \$0.00           O			40,00				\$0.00	
Miscalianeous Parts         \$0.00           Ortedi Miscalianeous Labor Other         \$0.00         \$0.00           TIRES         \$0.00         \$0.00           Miscalianeous Labor Other         \$0.00         \$0.00           Miscalianeous Labor Ortedi         \$0.00         \$0.00           Other         \$0.00         \$0.00           Stop Supprise         \$0.00         \$0.00           Miscalianeous Labor Other         \$0.00         \$0.00           Stop Supprise         \$0.00         \$0.00           Miscalianeous Labor Other         \$0.00         \$0.00           Miscalianeous Labor Other         \$0.00         \$0.00           Miscalianeous Labor Other         \$0.00         \$0.00           Credit         \$0.00         \$14.31           Miscalianeous Labor Other         \$0.00         \$14.31           Miscalianeous Labor Ortedi         \$0.00         \$14.31           Miscalianeous Labor Ortedi         \$0.00         \$0.00           Art FLER         \$1.35         \$0.00           Art FLER         \$7.36         \$0.00           Art FLER         \$7.36         \$0.00				60.00	\$0.00		\$0.00	\$0.00
Credit         \$0.00         \$0.00           Other         \$0.00         \$0.00           Miscellaneous Parts         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00           Other         \$0.00         \$0.00           Other         \$0.00         \$0.00           Other         \$0.00         \$0.00           Other         \$0.00         \$0.00           Stop StupPLES         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00           Credit         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00           Credit         \$0.00         \$0.00           Other         \$0.00         \$0.00           Credit         \$0.00         \$0.00           Other         \$14.31         \$0.00           VI CLEANER         \$14.31         \$0.00           Miscellaneous Labor         \$0.00         \$0.00           Credit         \$0.00         \$0.00           Other         \$0.00         \$0.00           Other         \$0.00         \$0.00           Other         \$0.00         \$0.00           <		ahi		\$0.00				
Credit Other         \$0.00         \$0.00         \$0.00           TIRES         \$0.00         \$0.00         \$0.00           Miscellaneous Parts         \$0.00         \$0.00         \$0.00           Credit         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Miscellaneous Parts         \$0.00         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00         \$14.31           Other         \$0.00         \$0.00         \$14.31           Miscellaneous Labor         \$0.00         \$14.31         \$0.00           Other         \$0.00         \$14.31         \$0.00         \$14.31           Miscellaneous Parts         \$0.00         \$0.00         \$14.31           Other         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Other         \$0.00<					\$0.00			
TIRES         \$0.00         \$0.00         \$0.00         \$0.00           Miscellameous Parts         \$0.00         \$0.00         \$0.00         \$0.00           Credit         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Stop SUPPLIES         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$14.31         \$0.00         \$14.31         \$0.00         \$14.31         \$0.00         \$14.31         \$0.00         \$14.31         \$0.00         \$14.31         \$0.00         \$14.31         \$0.00         \$14.31         \$0.00         \$14.31         \$0.00         \$14.31         \$0.00         \$14.31         \$0.00         \$14.31         \$0.00         \$14.31         \$0.00         \$14.31         \$0.00         \$			\$0.00					
Witcellamous Parts         \$0.00           Miscellamous Labor         \$0.00           Credit         \$0.00           SHOP SUPPLIES         \$0.00           SHOP SUPPLIES         \$0.00           Miscellamous Parts         \$0.00           Other         \$0.00           Viculation Parts         \$0.00           Wiscellamous Parts         \$0.00           Wiscellamous Labor         \$0.00           Credit         \$0.00           Miscellamous Labor         \$0.00           Credit         \$0.00           Credit         \$0.00           Credit         \$0.00           Credit         \$0.00           Art (1.001)         \$7.36           Miscellamous Labor         \$0.00           Credit         \$0.00           Art (1.001)         \$7.36           Miscellamous Parts         \$0.00								
Miscellaneous Labor Credit         \$0.00           Other         \$0.00           SIOP SUPPLES         \$0.00           Miscellaneous Parts         \$0.00           Other         \$0.00           Miscellaneous Labor         \$0.00           Other         \$0.00           Credit         \$0.00           Other         \$0.00           Credit         \$0.00           VIJ CLEANER         \$14.31           VACLEANER         \$0.00           VIJ CLEANER         \$0.00           Creditaneous Labor         \$0.00           Other         \$0.00           Creditaneous Labor         \$0.00           Other         \$0.00           AF1506 (1.000)         \$7.36           Miscellaneous Parts         \$0.00	TIRES				\$0,00		\$0.00	\$0.00
Order         \$0.00         \$14.31         \$0.00         \$0.00         \$14.31         \$0.00         \$0.00         \$14.31         \$0.00         \$0.00         \$14.31         \$0.00         \$0.00         \$14.31         \$0.00         \$0.00         \$14.31         \$0.00         \$0.00         \$14.31         \$0.00         \$0.00         \$14.31         \$0.00         \$0.00         \$14.31         \$0.00         \$0.00         \$14.31         \$0.00	Miscellaneous Pa	arts		\$0.00				
Other         \$0.00           SHOP SUPLIES         \$0.00         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         Credit         \$0.00           Other         \$0.00         \$0.00         \$14.31           Other         \$0.00         \$14.31         \$0.00           Miscellaneous Labor         \$0.00         \$14.31           Miscellaneous Labor         \$0.00         \$14.31           Miscellaneous Labor         \$0.00         \$14.31           Miscellaneous Labor         \$0.00         \$0.00           Creditineous Labor         \$0.00         \$0.00           Other         \$0.00         \$0.00           Aft (1,00)         \$14.31         \$0.00           Aft (500)         \$0.00         \$0.00           Other         \$0.00         \$0.00           Art (FLTER         \$7.36         \$0.00           AF1696 (1.000)         \$7.36         \$0.00           Miscellaneous Partis         \$0.00         \$7.36		bor			\$0.00			
SHOP SUPPLIES         \$0.00         \$0.00         \$0.00         \$0.00           Miscalianeous Parta         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$14.31           A4K (1 000)         \$14.31         \$0.00         \$0.00         \$14.31           Miscalianeous Parta         \$0.00         \$0.00         \$14.31           Miscalianeous Parta         \$0.00         \$0.00         \$14.31           Other         \$0.00         \$0.00         \$14.31           Miscalianeous Parta         \$0.00         \$0.00         \$14.31           Other         \$0.00         \$0.00         \$14.31           A1F (1)TER         \$7.36         \$0.00         \$7.36           AF 1696 (1.000)         \$7.36         \$0.00         \$7.36			\$0.00				*** ***	
Miscalineous Parts         \$0.00           Cradit         \$0.00           Cither         \$0.00           Viscellancous Parts         \$0.00           Miscellancous Labor         \$0.00           Codit         \$0.00           Art Filter         \$7.36           Miscellancous Parts         \$0.00					** **			\$0.00
Miscellaneous Labor Credii         \$0.00           Other         \$0.00           Other         \$0.00           NJ CLEANER         \$14.31           44K (1 000)         \$14.31           Miscellaneous Parts         \$0.00           Other         \$0.00           Miscellaneous Parts         \$0.00           Credii         \$0.00           Other         \$0.00           Other         \$0.00           Alf (11CER)         \$1.35           Alf (11CER)         \$0.00           Alf (11CER)         \$0.00           Alf (1000)         \$7.36           Alf (1000)         \$7.36           Miscellaneous Parts         \$0.00					20.00		30.00	40.00
Credit         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$14.31           Other         \$14.31         \$0.00         \$0.00         \$14.31           Miscellameous Parts         \$0.00         \$0.00         \$14.31           Miscellameous Labor         \$0.00         \$0.00         \$0.00           Codifi         \$0.00         \$0.00         \$0.00           Codifi         \$0.00         \$0.00         \$0.00           AR FILTER         \$7.36         \$0.00         \$7.36           Miscelianeous Parts         \$0.00         \$7.36         \$0.00				\$0.00	80.00			
Offser         \$0.00           Offser         \$0.00           INJ CLEARER         \$14.31           44K (1 000)         \$14.31           Miscollaneous Parts         \$0.00           Other         \$0.00           Other         \$0.00           Other         \$0.00           AR FILTER         \$7.36           AF1696 (1.000)         \$7.36		ibor	50.00		40.00			
NUTCLEANER         \$14.31         \$0.00         \$0.00         \$14.31           44k(1,000)         \$14.31         \$0.00         \$14.31         \$14.31           Miscellaneous Parts         \$0.00         \$0.00         \$14.31         \$14.31           Miscellaneous Labor         \$0.00         \$0.00         \$0.00         \$14.31         \$14.31           Other         \$0.00         \$0.00         \$0.00         \$14.31         \$14.31         \$14.31           Other         \$0.00         \$0.00         \$0.00         \$14.31         \$14.31         \$14.31           Other         \$0.00         \$0.00         \$0.00         \$14.31         \$14.31         \$14.31         \$14.31           Miscellaneous Labor         \$0.00         \$17.36         \$10.00         \$7.36           AF1696 (1.000)         \$7.36         \$0.00         \$7.36         \$14.31			30.00				\$0.00	
44( { 0,00)         \$14.31           Miscolianeous Parte         \$0.00           Miscolianeous Labor         \$0.00           Credit         \$0.00           Other         \$0.00           AF (LTER)         \$7.36           AF (566 (1.000)         \$7.36           Miscolineous Parte         \$0.00				\$14.31	\$0.00			\$14.31
Miscellaneous Parts         \$0.00           Miscellaneous Labor         \$0.00           Credit         \$0.00           Other         \$0.00           AF FLIZER         \$7.36           AF FLIZER         \$7.36           Miscellaneous Parts         \$0.00					÷			1.0
Miscellansous Labor         \$0.00           Credit         \$0.00           Other         \$0.00           AF FLITER         \$7.36           AF 1656 (1.000)         \$7.36           Miscellaneous Parts         \$0.00		aris						
Credit         \$0.00         \$0,00           Outer         \$0,00         \$0,00           AF FLIZER         \$7,36         \$0,00         \$7,36           AF 1696 (1.000)         \$7,36         \$0,00         \$7,36           Miscellaneous Parts         \$0.00         \$0,00         \$7,36				*****	\$0.00			
Other         \$0,00           AF FLITER         \$7,36         \$0,00         \$7,36           AF 16566 (1.000)         \$7,36         \$0,00         \$7,36           Miscellaneous Parts         \$0,00         \$1,36         \$1,36			\$0.00					
AIR FILTER \$7.36 \$0.00 \$0.00 \$7.36 AF 1696 (1.000) \$7.36 Miscelaneous Parts \$0.0								
Miscellaneous Parts \$0.00					\$0,00		\$0.00	\$7.36
Miscellaneous Labor \$0,00				\$0.00				
	Miscellaneous La	bor			\$0,00			

Report Greated by collectiveFirst 7.9

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Work	Order	Detail
YVUIN	Uluel	Detan

		No Ma	es: 31,781 ter: 0.0 on: 02-5he		No Me Departm	ter: 0.0	
				rin 1	Deperation	ates	
	Recall:	Campal	30.9	HERIFF OIL		IVIII	
	External WO:	venc	ior: 132 - 3	HERIFF OIL		O#	
	Owen Date	Close Date	64.	tus	Downtime		cidant
WO # 7392	01/08/2009	01/08/2009		sed	0.00		all a second
7 392	00000000	0110022003	010	400	0.00		
	Description: A						
Detail	DI	scounts	Parts	Labor	Tires	Other	Total
Service A							
Light Check			\$0.00	\$0,00		\$0.00	\$0,00
Miscellaneous F	arts		\$0.00				
Miscellaneous L	abor			\$0,00			
Credit		\$0.00					
Other						\$0.00	
Lube, Oll & Fliter			\$21,95	\$0.00		\$0.00	\$21.95
Miscellaneous F			\$21.95				
Miscellaneous L	abor			\$0.00			
Geodit		\$0.00				50.00	
Other						50.00	
		\$0,00	\$21.95	\$0.00	\$0.00	\$0.00	\$21.95
73: 2006 Ford Teur	us		/IN: 1FAFP les: 32.735	53258A21047	License Pl	ate: CB9-N	t1D
			ter: 0.0	0	No Mr	ter: 0.0	
			ion: 02-She		Departm		
	Recall:	Campal		ariu s		alo:	
A.A		Close Data		lus	Downiime		cident
WO # 7533	Open Date 02/20/2008	02/20/2009		bea	0.00	-	
7533	0212042008	0.22 AVERGINE	Cit	NBOU	0.00		
	Description: A						<b>*</b> • • •
Detail	D.	acounte	Parts	Lebor	Tires	Other \$0.00	Total \$0.00
MVI			\$0.00	\$0.00		20.00	20.00
Miscellaneous I			\$0.00	** **			
Miscellaneous I	Labor			\$0.00			
Credit		\$0.00				S0.00	
Other			\$0.00	\$17.00		\$0.00	\$17,00
Work Order Labor			\$0.00	\$17.00		\$0.00	417,00
Miscellaneous	Parts		\$0.00	\$17.00			
M0053 (0.50)				\$0.00			
Miscellaneous	Labor	\$0.00		30.00			
Credit		\$0.00				\$0.00	
Other		2					
		\$0.00	\$0.00	\$17.00	\$0.00	\$0.00	\$17.00
73: 2006 Ford Taur	us			53256A21047	License P	ale: CB9-	M1D
			les: 34,70	1.0			
			ler: 0.0			iter: 0.0	
	_		ion: 02-Sh	erift's	Departm		
	Recall:	Campa				late: nvii:	
	External WO:	Ven	dor: 132 - 1	SHERIFF OIL		hvi#: PO#:	
NAME OF	Open Date	Close Date	81	alus	Downtime	A	trablac
WO # 7826	04/22/2009	04/22/2009	Ch	beed	0.00	•	
1020	Description:	Autoreening	GR		0.00		
	Description.						

Credit Other         \$0.00         \$0.00         \$0.00           Other         \$6.06         \$0.00         \$0.00           Object FILC FULCOD Object FILC FULCOD Object FILC FULCOD Object FILC FULCE         \$6.06         \$0.00         \$0.00           Other Miscelaneous Labor Credit         \$0.00         \$0.00         \$0.00         \$0.00           Work Order Labor Miscelaneous Parts         \$0.00         \$17.00         \$0.00           Miscelaneous Parts         \$0.00         \$17.00         \$0.00           Order Labor ModS3 (0.50)         \$0.00         \$3.40         \$0.00           Work Order Labor ModS3 (0.50)         \$0.00         \$3.40         \$0.00           Order Labor ModS3 (0.50)         \$0.00         \$3.40         \$0.00           Work Order Labor ModS3 (0.50)         \$0.00         \$17.00         \$0.00           Order Labor Miscelaneous Labor Credit         \$0.00         \$17.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00           Miscelaneous Labor Credit         \$0.00         \$0.00         \$0.00         \$0.00           Miscelaneous Labor Credit         \$0.00         \$0.00         \$	\$6.06 \$17.00 \$3.40
Other         50.00         50.00         50.00         50.00           G1060 (1,000)         \$6.05         \$0.00         \$0.00           Miscollaneous Parts         \$0.00         \$0.00           Miscollaneous Parts         \$0.00         \$0.00           Other         \$0.00         \$0.00           Other         \$0.00         \$17.00         \$0.00           Work Orie Labor         \$0.00         \$17.00         \$0.00           Miscollaneous Labor         \$0.00         \$17.00         \$0.00           Miscollaneous Labor         \$0.00         \$17.00         \$0.00           Miscollaneous Labor         \$0.00         \$17.00         \$0.00           Other         \$0.00         \$3.40         \$0.00           Miscollaneous Labor         \$0.00         \$0.00         \$0.00           Credit         \$0.00         \$0.00         \$0.00           Miscollaneous Labor         \$0.00         \$0.00         \$0.00           Credit         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Work Order Labor         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0	\$17.00
FUEL FILTER         \$8.06         \$0.00         \$0.00           G1080 (1,000)         \$8.06         \$0.00           Miscellaneous Parts         \$0.00         \$0.00           Credit         \$0.00         \$0.00           Work Carls Labor         \$0.00         \$0.00           Credit         \$0.00         \$0.00           Work Carls Labor         \$0.00         \$0.00           Credit         \$0.00         \$17.00         \$0.00           MODS3 (0.50)         \$17.00         \$0.00         \$0.00           Work Corder Labor         \$0.00         \$17.00         \$0.00           Work Corder Labor         \$0.00         \$1.40         \$0.00           Miscellaneous Labor         \$0.00         \$1.00         \$0.00           Work Order Labor         \$0.00         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00         \$0.00           Work Order Labor         \$0.00         \$17.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00         \$0.00           Motocalineous Labor         \$0.00         \$0.00         \$0.00	\$17.00
Miscollameous Parts         \$0.00           Other         \$0.00         \$0.00           Credit         \$0.00         \$0.00           Other         \$0.00         \$0.00           Work Order Labor         \$0.00         \$17.00           Miscollameous Parts         \$0.00         \$0.00           Miscollameous Labor         \$0.00         \$0.00           Credit         \$0.00         \$0.00           Work Order Labor         \$0.00         \$0.00           Other         \$0.00         \$0.00           Work Order Labor         \$0.00         \$0.00           Work Order Labor         \$0.00         \$0.00           Mod3 (0.01 0a)         \$0.00         \$0.00           Mod3 (0.50)         \$0.00         \$0.00           Miscollameous Parts         \$0.00         \$0.00           Other         \$0.00         \$0.00           Miscollameous Parts         \$0.00         \$0.00           Miscollameous Labor         \$0.00         \$0.00           Other         \$0.00         \$0.00           Mod3 (0.50)         \$0.00         \$0.00           Mod5 (0.60)         \$0.00         \$0.00           Other         \$0.00	
Miscellaneous Parts         \$0.00           Miscellaneous Labor         \$0.00           Other         \$0.00           Work Carlieneous Labor         \$0.00           Moscellaneous Labor         \$0.00           Moscellaneous Labor         \$0.00           Moscellaneous Labor         \$0.00           Credit         \$0.00           Moscellaneous Labor         \$0.00           Credit         \$0.00           Other         \$0.00           Work Order Labor         \$0.00           Work Order Labor         \$0.00           Work Order Labor         \$0.00           Miscellaneous Parts         \$0.00           Moscellaneous Parts         \$0.00           Moscellaneous Parts         \$0.00           Moscellaneous Parts	
Credit         S0.00         S0.00           Other         \$0.00         \$17.00         \$0.00           Work Order Labor         \$0.00         \$17.00         \$0.00           Miscellaneous Parts         \$0.00         \$17.00         \$0.00           Miscellaneous Parts         \$0.00         \$17.00         \$0.00           Credit         \$0.00         \$0.00         \$0.00           Credit         \$0.00         \$0.00         \$0.00           Work Order Labor         \$0.00         \$3.40         \$0.00           Miscellaneous Labor         \$0.00         \$3.40         \$0.00           Miscellaneous Labor         \$0.00         \$3.40         \$0.00           Other         \$0.00         \$17.00         \$0.00           Work Order Labor         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$17.00         \$0.00           Work Order Labor         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Work Order Labor         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Work Order Labor         \$0.00	
Other         \$0.00         \$0.00           Work Order Labor         \$0.00         \$17.00         \$0.00           MODS3 (0 50)         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Miscolaneous Parts         \$0.00         \$0.00         \$0.00           Miscolaneous Parts         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$17.00         \$0.00           Work Order Labor         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$17.00         \$0.00           Work Order Labor         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Work Order Labor         \$0.00         \$0.00         \$0.00           MODS3 (0.50)         \$0.00         \$0.00         \$0.	
Work Order Labor         \$0.00         \$17.00         \$0.00           Microllameous Parts         \$0.00         \$17.00         \$0.00           Microllameous Labor         \$0.00         \$17.00         \$0.00           Credit         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Microllameous Labor         \$0.00         \$3.40         \$0.00           Microllameous Parts         \$0.00         \$3.40         \$0.00           Microllameous Parts         \$0.00         \$3.40         \$0.00           Microllameous Parts         \$0.00         \$0.00         \$0.00           Microllameous Parts         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Work Order Labor         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Mod53 (0.01)         \$0.00         \$0.00         \$0.00           Microllameous Labor         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00	
Visualizationesus parts         \$0,00         Visualizationesus parts         \$0,00           MODS3 (0.50)         \$0,00         \$17,00           Other         \$0,00         \$0,00           Other         \$0,00         \$0,00           Other         \$0,00         \$3,40           MODS3 (0.50)         \$3,40         \$0,00           MMC52 (0.14 Labor         \$0,00         \$3,40           MMC52 (0.150)         \$3,40         \$0,00           MMC52 (0.50)         \$0,00         \$0,00           Other         \$0,00         \$0,00           MC62 (0.150)         \$0,00         \$0,00           Miscellaneous Parts         \$0,00         \$0,00           Miscellaneous Parts         \$0,00         \$0,00           Miscellaneous Parts         \$0,00         \$0,00           Miscellaneous Parts         \$0,00         \$0,00           Other         \$0,00         \$0,00           Motors (0.60)         \$0,00         \$0,00	
ModS3 (0.50)         \$17.00           Miscellameous Labor         \$0.00           Credit         \$0.00           Other         \$0.00           Work Order Labor         \$0.00           Miscellameous Parts         \$0.00           Work Greder Labor         \$0.00           Work Greder Labor         \$0.00           Other         \$0.00           Work Greder Labor         \$0.00           Other         \$0.00           Work Order Labor         \$0.00           Other         \$0.00           Work Order Labor         \$0.00           Other         \$0.00           ModS (0.00)         \$0.00           ModS (0.00)         \$0.00           ModS (0.00)         \$0.00           ModS (0.00)         \$0.00           Other         \$0.00           Other         \$0.00           Other         \$0.00	\$3.40
Miscellameous Labor         \$0.00           Credit         \$0.00         \$0.00           Other         \$0.00         \$0.00           Work Ordar Labor         \$0.00         \$0.00           Miscellameous Parts         \$0.00         \$0.00           Mod3 (0.10)         \$0.00         \$0.00           Other         \$0.00         \$0.00           Mod3 (0.50)         \$0.00         \$0.00           Miscellameous Parts         \$0.00         \$0.00           Miscellameous Parts         \$0.00         \$0.00           Miscellameous Parts         \$0.00         \$0.00           Miscellameous Parts         \$0.00         \$0.00           Mod3 (0.50)         \$17.00         \$0.00           Other         \$0.00         \$0.00           Miscellameous Labor         \$0.00         \$0.00           Mod3 (0.60)         \$0.00         \$0.00           Mod5 (0.00)         \$0.00         \$0.00           Mod2 (0.00)         \$0.00         \$0.00           Mod5 (0.00)         \$0.00         \$0.00           Mod5 (0.00)         \$0.00         \$0.00           Mod5 (0.00)         \$0.00         \$0.00           Mod5 (0.00)         \$0.0	\$3.40
Credit         S0.00           Other         \$0.00           Work Order Labor         \$0.00           Miscellaneous Parts         \$0.00           Miscellaneous Labor         \$0.00           Credit         \$0.00           Other         \$0.00           Credit         \$0.00           Credit         \$0.00           Other         \$0.00           Work Order Labor         \$0.00           Other         \$0.00           Work Order Labor         \$0.00           Kascellaneous Labor         \$0.00           Other         \$0.00           Work Order Labor         \$0.00           Other         \$0.00           Work Order Labor         \$0.00           Other         \$0.00           Work Order Labor         \$0.00           Koldsoftaneous Parts         \$0.00           Mo053 (000)         \$0.00           Mo053 (000)         \$0.00           Other         \$0.00           Other         \$0.00           Other         \$0.00           Other         \$0.00           Other         \$0.00           Other         \$0.00	\$3.40
Other         \$0.00           Work Order Labor         \$0.00           Moto Sol Labor         \$0.00           Moto Sol Labor         \$0.00           Credit         \$0.00           Work Order Labor         \$0.00           Credit         \$0.00           Work Order Labor         \$0.00           Credit         \$0.00           Work Order Labor         \$0.00           Work Order Labor         \$0.00           Work Order Labor         \$0.00           Moto Sol (Sol)         \$17.00           Moto Sol (Sol)         \$0.00           Other         \$0.00           Work Order Labor         \$0.00           Other         \$0.00           Work Order Labor         \$0.00           Other         \$0.00           Work Order Labor         \$0.00           Work Order Labor         \$0.00           Work Order Labor         \$0.00           Mod5 (0.00         \$0.00           Other	\$3.40
Work Order Labor         \$0.00         \$3.40         \$0.00           Miscalaneous Parts         \$0.00         \$3.40         \$0.00           Miscalaneous Labor         \$0.00         \$3.00         \$0.00           Credit         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Work Order Labor         \$0.00         \$17.00         \$0.00           Mideolineous Parts         \$0.00         \$0.00         \$0.00           Work Order Labor         \$0.00         \$0.00         \$0.00           Mideolineous Parts         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00	\$3.40
Work Graditaneous Parts         \$0.00         \$3.40           M0053 (0.00)         \$3.40           M0053 (0.01)         \$3.00           Credit         \$0.00           Other         \$0.00           Work Order Labor         \$0.00           Work Order Labor         \$0.00           M053 (0.50)         \$17.00           M055 (0.50)         \$17.00           M055 (0.60)         \$0.00           View Credit Labor         \$0.00           Other         \$0.00           Work Order Labor         \$0.00           View Credit Solution         \$0.00           View Credit Labor         \$0.00           View Credit Labor         \$0.00           View Credit Labor         \$0.00           View Credit Labor         \$0.00           Work Order Labor         \$0.00           Work Order Labor         \$0.00           Midot Silve Units         \$0.00           Midot Silve Units         \$0.00           Midot Silve Units         \$0.00           Midot Silve Units         \$0.00           Other         \$0.00	\$3.40
M0035 (0.10)         \$3.40           Miscellaneous Labor         \$0.00           Credit         \$0.00           Otter         \$0.00           Work Order Labor         \$0.00           Miscellaneous Parts         \$0.00           Other         \$0.00           Work Order Labor         \$0.00           Other         \$0.00           Other         \$0.00           Other         \$0.00           Other         \$0.00           Work Order Labor         \$0.00           M0053 (0.50)         \$0.00           Other         \$0.00           Work Order Labor         \$0.00           M0053 (0.00)         \$0.00           Other         \$0.00           Other         \$0.00	
Missolitarieous Labor         \$0.00           Credit         \$0.00         \$0.00           Other         \$0.00         \$0.00           Work Order Labor         \$0.00         \$0.00           Midoscillarieous Parts         \$0.00         \$17.00           M0053 (0.50)         \$17.00         \$0.00           Other         \$0.00         \$0.00           Mote Credit Labor         \$0.00         \$0.00           Other         \$0.00         \$0.00           Other         \$0.00         \$0.00           Work Order Labor         \$0.00         \$0.00           Work Order Labor         \$0.00         \$0.00           M0053 (0.00         \$0.00         \$0.00           Micol Sciolanneous Parts         \$0.00         \$0.00           Mod53 (0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00	
Credit         Use Class         \$0.00         Construction         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00           Work Order Labor         \$0.00         \$17.00         \$0.00           Miscellaneous Parta         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Orbit         \$0.00         \$0.00         \$0.00           Orbit         \$0.00         \$0.00         \$0.00           Work Order Labor         \$0.00         \$0.00         \$0.00           Moscellaneous Parts         \$0.00         \$0.00         \$0.00           Moscellaneous Labor         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00	
Other         \$0.00         \$0.00           Work Order Labor         \$0.00         \$17.00         \$0.00           M0053 (0.50)         \$17.00         \$0.00         \$0.00           Miscellaneous Parts         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Work Order Labor         \$0.00         \$0.00         \$0.00           Work Order Labor         \$0.00         \$0.00         \$0.00           Work Order Labor         \$0.00         \$0.00         \$0.00           M0053 (0.00)         \$0.00         \$0.00         \$0.00           M0052 (0.00)         \$0.00         \$0.00         \$0.00           M0053 (0.00)         \$0.00         \$0.00         \$0.00           M0052 (0.00)         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00	
Units         State         B17.00         \$0.00           Micedianeous Parts         \$0.00         \$17.00         \$0.00           Micedianeous Parts         \$0.00         \$0.00         \$0.00           Micedianeous Labor         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Work Order Labor         \$0.00         \$0.00         \$0.00           Wiscellaneous Parts         \$0.00         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00         \$0.00           Miscellaneous Labor         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00	
With Grandianeous Parts         \$0.00           M0053 (0.60)         \$17.00           Monos (0.60)         \$0.00           Other         \$0.00           Other         \$0.00           Work Order Labor         \$0.00           Kitzelfameous Parts         \$0.00           M0053 (0.00)         \$0.00           Miccollameous Parts         \$0.00           M0053 (0.00)         \$0.00           M0053 (0.00)         \$0.00           M0053 (0.00)         \$0.00           Other         \$0.00	
M0053 (0.50)         \$17.00           Miscellanous Labor         \$0.00           Cradit Units (0.00)         \$0.00           Other         \$0.00           Work Order Labor         \$0.00           Miscellaneous Parts         \$0.00           Miscellaneous Parts         \$0.00           Miscellaneous Parts         \$0.00           Miscellaneous Parts         \$0.00           Credul         \$0.00           Other         \$0.00	\$17.00
M0053 (0.50)         \$17,00           Miscellanous Labor         \$0.00           Cradit         \$0.00           Other         \$0.00           Work Order Labor         \$0.00           Miscellanous Parts         \$0.00           Miscellanous Parts         \$0.00           MotoS (0.00)         \$0.00           Miscellanous Parts         \$0.00           MotoS (0.00)         \$0.00           Miscellanous Parts         \$0.00           Credut         \$0.00           Other         \$0.00	
Gradit         S0.00         S0.00           Other         \$0.00         \$0.00           Work Order Labor         \$0.00         \$0.00           Mioscillaneous Parts         \$0.00         \$0.00           Mioscillaneous Labor         \$0.00         \$0.00           Credit         \$0.00         \$0.00           Other         \$0.00         \$0.00	
Other         \$0.00 <th< td=""><td></td></th<>	
Work Order Labor         \$0.00         \$0.00         \$0.00           MicodStream Parts         \$0.00         \$0.00           MicodStream Parts         \$0.00         \$0.00           MicodStream Value         \$0.00         \$0.00           MicodStream Value         \$0.00         \$0.00           Other         \$0.00         \$0.00	
Viols (Job)         \$0.00         \$0.00           Miacellaneous Parts         \$0.00         \$0.00           ModS3 (0.00)         \$0.00         \$0.00           Miscellaneous Lebor         \$0.00         \$0.00           Credit         \$0.00         \$0.00           Other         \$0.00         \$0.00	
M0053 (0.00)         \$0.00           Miscellaneous Labor         \$0.00           Credit         \$0.00           Other         \$0.00	\$0.00
MSCellanceus Lebor \$0.00 MScellanceus Lebor \$0.00 Credii \$0.00 Other \$0.00	
Credi \$0.00 \$0.00 Other \$0.00	
Other \$0.00	
Onial	
\$0.00 \$27.73 \$37.40 \$0.00 \$0.00	
	<u>\$65.13</u>
VIN: 1FAFP53256A21047 License Plate: CB9-M1D	
Millag: 38,022.0	
No Meter: 0.0 No Meter: 0.0	
Location: 02-Shoriff's Department:	
Recall: Campaign # Date:	
External WO: Vendor: 132 - SHERIFF OIL Inv#:	
PO#:	
WO # Open Date Close Date Statue Downline Accide	nt
8319 08/03/2009 08/03/2009 Closed 0:00	
Description: APM	
Detail Discounts Parts Labor Tires Other	Tota
Service &	
Light Check \$0.00 \$0.00 \$0.00	\$0.00
Miscellaneous Parts \$0.00	
Miscellaneous Labor \$0.00	
Credii \$0.00	
Other \$0.00	
Lube, Oli & Filter \$24.95 \$0.00 \$0.00	\$24,95
Miscellaneous Parts \$24.95	
Miscellaneous Labor \$0.00	
Credit \$0.00	
Other \$0.00	
o unei	
\$0.00 \$24.95 \$0.00 \$0.00 \$0.00	
\$0.00 \$24.95 \$0.00 \$0.00 \$0.00	

'3; 2006 Ford Taurus		No Me Locell	es: 41,16 ter: 0.0 on: 02-Sh		No M Departe		
	Rocall	Campai			l Downtime	Date: Accident	
WO # 8631	Open Date 12/02/2009	Close Date 12/02/2009		osed	0.00	Steinin	
	Description:						
Dataîl	0	liscounts.	Parte	Lebor	Tiras	Other	Total
Service A				\$0.00		\$0.00	\$0.00
Light Check			\$0.00 \$0.00	20,00		\$0.00	\$0.00
Miscellaneous Pa Miscellaneous La			\$0.00	\$0.00			
Credit	DOI	\$0.00		40,00			
Olher						\$0.00	
Lube, Oli & Filter			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous Pa	rls		\$0.00				
Miscellaneous La	bor			\$0.00			
Credit		\$0.00					
Olher						\$0.00	
Service B							\$0.00
Replace Fuel Filter			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous Pa Miscellaneous La			\$0.00	\$0.00			
Credil	oor	\$0.00		30.00			
Other		\$0.00				\$0.00	
Tire Rotation			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous Pe	rls		\$0,00				
Miscellaneous La				\$0.00			
Credit		\$0.00					
Other						\$0.00	
Servica C							
Change Transmissi			\$0,00	\$0.00		\$0,00	\$0.00
Miscellaneous Pa			\$0.00	40.00			
Miscellaneous La	bor	\$0.00		\$0.00			
Credit		20,00				\$0.00	
Other Replace wiper blad			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous Pa			\$0.00	40,00		40.00	
Miscellaneous La			40.00	\$0.00			
Credit	1001	\$0.00		40.00			
Other		40,00				\$0.00	
MVI			\$0.00	\$0.00		\$0,00	\$0.00
Miscellaneous Pr			\$0.00	80.00			
Miscellaneous La	ipol	\$0.00		\$0.00			
Credit Other		30,00				\$0.00	
CPM			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous Pr	aria		\$0.00	43.00		*****	
Miscellaneous Le			40.00	\$0.00			
Credit		\$0.00					
Olher						\$0.00	
MISC MAINT			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous Pr			\$0.00	#0.00			
Miscelleneous La	apor	co oo		\$0.00			
Credit Other		\$0.00				\$0.00	
BELTS			\$0.00	\$0.00		\$0.00	\$0.00
BELIO			40.00	40,00		•••••	
port Created by collec	anima and			10:07 AM			Page 5 of

Miscellaneous Parts		\$0,00			
Miscellaneous Labor			\$0.00		
Credil	\$0.00				
Other				\$0.00	
NIPERS		\$0.00	\$0.00	\$0.00	\$0.00
Miscellaneous Parts		\$0.00			
Miscellaneous Labor			\$0.00		
Credit	\$0.00				
Other				\$0.00	
BHOP SUPPLIES		\$0.00	\$0.00	\$0.00	\$0.00
Miscellaneous Paris		\$0.00			
Miscellaneous Labor			\$0.00		
Credit	\$0.00				
Other	** **			\$0.00	
WIPER BLADES		\$4,69	\$0.00	\$0.00	\$4.69
31-20 (1.000)		\$4,69			
		\$0.00			
Miscellaneous Parts		30.00	\$0.00		
Miscellaneous Labor	40.00		30.00		
Credit	\$0.00			\$0.00	
Olher				\$0.00	\$54.72
TRANS FLUID		\$54.72	\$0.00	20.00	224.12
MERCON V (15 000)		\$54.72			
Miscellaneous Parts		\$0.00			
Miscellaneous Labor			\$0.00		
Credit	\$0.00				
Olher				\$0.00	
PWS ATC		\$8.96	\$0.00	\$0,00	\$8.96
310 (1.000)		\$8.96			
Miscellaneous Parts		\$0.00			
Miscellaneous Labor		0000	\$0.00		
Credit	\$0.00				
	30,00			\$0.00	
Other		A 4 8 4 8	\$0.00	\$0.00	\$13.45
ENG OIL SYNTHETIC		\$13.45	\$0.00	40.00	
5W20 (5,000)		\$13.45			
Miscellaneous Parts		\$0.00			
Miscellaneous Labor			\$0,00		
Credil	\$0.00				
Other	`			\$0,00	
**BELT		\$27.60	\$0.00	\$0.00	\$27.60
K060854 (1.000)		\$27.60			
Miscellaneous Parts		\$0.00			
Miscellaneous Labor			\$0.00		
Credit	\$0.00				
Other				\$0.00	
INJ CLEANER		\$12.07	\$0.00	\$0.00	\$12,07
		\$12.07	-3.00		*
44K (1,000)		\$0.00			
Miscellaneous Parts		90.00	\$0.00		
Miscellaneous Labor	*0.00		40.00		
Credit	\$0.00			\$0.00	
Other					\$4.74
WIPER BLADES		\$4.74	\$0,00	\$0.00	\$4.14
31-22 (1,000)		\$4.74			
Miscellaneous Parts		\$0.00			
Miscellaneous Labor			\$0.00		
Credit	\$0.00				
Other				\$0.00	
AIR FILTER		\$7.34	\$0.00	\$0.00	\$7.34
AF1698 (1.000)		\$7.34			
Miscellaneous Parts		\$0.00			
Miscellaneous Labor			\$0.00		
Credit	\$0.00				
Other	40.00		-	\$0.00	
		\$5.22	\$0,00	\$0.00	\$5.22
FUEL FILTER		#J.22		÷3.64	
					Page 6 of

## Work Order Detail

Lube, Oll & Fliter Miscellaneous Par	10		\$25.85 \$25.85	\$0.00		\$0.00	\$25.95
Miscellaneous Let			423.03	\$0,00			
Credit Other		\$0,00				\$0,00	
		\$0.00	\$25.95	\$0.00	\$0.00	\$0.00	\$25.85
473: 2006 Ford Taurua			VIN: IFAFP Miles: 42,351	5325EA21047		ale: CB9-M1D	
		Loc	Meter: 0.0 ation: 02-Sha	wiff's	Departm	eter: 0,0 ent: ale:	
WO#	Recall: Open Date	Camp Close Dat	algn#	itua	Downtime	Accide	int
	01/25/2010	01/25/201	0 Cio	ised	0.00		
	Description: F	RPL FRONT 1	BRAKES				
Detail		iscounts	Parts	Labor	Tires	Diher	Total
FRT BRAKE PADS Miscellaneous Pa	ris.	1948-1915-	\$0.00 \$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous La				\$0.00			
Credit		\$0.00				\$0.00	
Olher			\$0.00	\$0.00		\$0.00	\$0.00
SHOP SUPPLIES Miscellaneous Pa	18		\$0.00	40.00		40100	
Miscellaneous La				\$0,00			
Credit		\$0.00					
Other			\$39.94	\$0.00		\$0.00	\$39.94
**R BRAKE PADS MKD598 (1.000)			\$39.94	20.00		0.00	449.44
Miscellaneous Pa	ah		\$0.00				
Miscellaneous La				\$0.00			
Credit		\$0.00				SO-00	
Other			\$49.12	\$0.00		\$0.00	\$49.12
**ROTORS PRT5050 (2.000)			\$49.12	30.00		40.00	
Miscellaneous Pa	ris		\$0.00				
Miscellaneous La	bor			\$0.00			
Credit		\$0.00				\$0.00	
Other MISC SHOP SUPPL	E9.		\$2.32	\$0.00		\$0.00	\$2.32
SHOP SUPPLIES			\$2.32	•			
Miscellaneous Pa	rts		\$0.00				
Miscellaneous La	bar	\$0.00		\$0.00			
Credit Other		\$0.00				\$0.00	
Work Order Labor			\$0.00	\$34.00		\$0.00	\$34.00
Miscellaneous Pa	rts		\$0.00				
M0053 (1.00) Miscellaneous La				\$34.00 \$0.00			
Credit	DOL	\$0.00		40.00			
Other						\$0.00	
		\$0.00	\$91.38	\$34.00	\$0.00	\$0.00	<u>\$125.38</u>
7473: 2006 Ford Taurus	ŧ.		VIN: 1FAFF Milus: 45,238	253256A21047	License P	late: CB9-M1D	
		No	Mater: 0.0			eter: 0.0	
			ation: 02-Stu	eriff'is	Departm		
	Recall:	Cam	paign #		0	ale:	
Report Created by collect			07/23/2020 10				Page 6 of

Work Order Detail

G1060 (1.000)			\$5.22				
Miscellaneous I			\$0.00				
Miscellaneous I	abor			\$0.00			
Credil		\$0.00				\$0.00	
Other			*** ***	<b>*</b> 0.00		\$0.00	\$2.28
MISC SHOP BUPP			\$2.28	\$0.00		\$0.00	42.20
SHOP SUPPLI	=a (1.000)		\$2.28 \$0.00				
Miscellaneous i Miscellaneous I			\$0.00	\$0.00			
Credit	LBOOL	\$0.00		90.00			
Olher		40.00				\$0.00	
MOA			\$7.70	\$0.00		\$0.00	\$7.70
110 (1.000)			\$7.70	*****		•	
Miscellaneous	Paris		\$0.00				
Miscellaneous				\$0.02			
Credit		\$0.00					
Other						\$0.00	
LUBE FILTER			\$2.76	\$0.00		\$0.00	\$2.70
PH400 (1.000)			\$2.76				
Miscellaneous I			\$0.00				
Miscellaneoua	Labor			\$0.00			
Credit		\$0.00				\$0.00	
Other	lines		** **	** **		\$0.00	\$0.90
DRUM GREASE S			\$0.90	\$0.00		90.00	40.30
DRUM GREAS			\$0.90				
Miscellaneous			\$0.00	\$0.00			
Miscellaneous	Labor	\$0.00		90.00			
Credit		20.00				\$0.00	
Other Work Order Labo	-		\$0.00	\$17.00		\$0.00	\$17.00
Work Order Labo Miscellaneous			\$0.00	411.00		40.00	
M0053 (0.50)	r er ta		40.00	\$17.00			
Miscellaneous	lehor			\$0.00			
Credit	Calcol	\$0.00		40.00			
Other						\$0.00	
Work Order Labo	r		\$0.00	\$102.00		\$0.00	\$102.00
Miscellaneous			\$0.00				
M0053 (3.00)				\$102.00			
Miscellaneous	Labor			\$0.00			
Credil		\$0.00					
Other						\$0.00	
				A	\$0.00	\$0.00	\$271.43
		\$0.00	\$152.43	\$119.00		(LANE)	
173: 2006 Ford Tau	140		Alles: 42,05	P53256A21047		Plate: CB9-M	D
			leter: 0.0			leter: 0.0	
			illon: 02-Sh	eriff'e	Departr		
	Recall:	Camp				Date:	
	External WO:	Ve	ndor: 132 - :	SHERIFF OIL		Invil: POil:	
WO	Open Dale	Close Date	a 51.	alcie	DownUma		Ident
9120	01/14/2010	01/14/2010		osed	0.00		
	Description: A						<b>*</b> 1
Detall	0	acounts	Parts	Labor	Tires	Other	Total
Service A							
Light Check			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous			\$0.00				
Miscellaneous	Labor			\$0.00			
Credit		\$0.00				\$0.00	
Other						20.00	

Dețali	05/24/2010	Closa Data 05/24/2010	Clo	<u>ius</u> sed	Downtime 0.00		
	Description	RPM					
		Discounts	Parts	Labor	TICES	Other	Total
Service A							
Light Check	_		\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneou Miscellaneou			\$0 00	\$0.00			
Credit	2 Lann	\$0.00		40.00			
Olber		00.00				50.00	
Lube, Oll & Fille	Hr.		\$0.00	\$0.00		\$0_00	\$0.00
Miscellaneou			\$0.00				
Miscellaneou	s Labor			\$0.00			
Credil Olber		\$0.00				SO 00	
Other						40.00	
Service B							
Replace Fuel Fi	Iter		\$0.00	\$0.00		\$0,00	\$0.00
Miscellaneou	s Parts		\$0.00				
Miscellaneou	s Labor			\$0.00			
Credil		\$0.00				\$0.00	
Other Tire Rotation			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneou	a Darte		\$0.00	\$0.00		40.00	40100
Miscellaneou			40.00	\$0.00			
Credit	0 20001	\$0.00					
Other						\$0.00	
						\$0.00	\$0.00
MVI Miscellaneou			\$0.00 \$0.00	\$0.00		20.00	\$0,00
Miscellaneou			\$0.00	\$0.00			
Credit	a Labor	\$0.00		40.00			
Other						\$0.00	
FUEL FILTER			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneou			\$0,00				
Miscellaneou	is Labor	\$0.00		\$0.00			
Credit Other		20.00				\$0.00	
BPM			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneou	s Parts		\$0.00				
Miscellaneou				\$0.00			
Credit		\$0.00					
Other						\$0.00 \$0.00	\$0,00
PRVT MAINT Miscellaneou	- Deate		\$0.00 \$0.00	\$0.00		\$0.00	40.00
Miscellaneou			\$0,00	\$0.00			
Credit	a Laudi	\$0.00					
Other						\$0.00	
SHOP SUPPLIE			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneou			\$0.00				
Miscellaneou	is Labor	F0.00		\$0.00			
Credit Other		\$0.00				\$0.00	
FUEL FILTER			\$5.22	\$0.00		\$0.00	\$5.22
G1060 (1.00	0)		\$5.22	*****		•	T. C. C. C.
Miscellaneou	is Parts		\$0.00				
Miscellaneou	is Labor			\$0.00			
Credit		\$0.00				\$0.00	
Other MOA			\$7.70	\$0.00		\$0,00	\$7.70
110 (1.000)			\$7.70	40.00		40.00	
Miscelianeou	is Parts		\$0,00				

Lube, Oil & Filter Miscellaneous I	arts		\$25,95 \$25,95	\$0,00		20.00	424.00
Other			\$25,95	\$0,00		\$0.00	\$25.95
Credil		\$0.00				\$0.00	
Miscellaneous I				\$0.00			
Miscellaneous	Parts		\$0.00				
Light Check			\$0.00	\$0.00		\$0.00	\$0.00
Detall Service A		naccums	2 million	Labour	10.04		
Datell	Description:	APM	Paris	Labor	Tires	Olher	Total
9756	05/24/2010	05/24/2010		sed	0.00		
WOW	Open Date	Close Dale		nua	P Downtima	WOW Accl	dent
	External WO			SHERIFF OIL	10	nv#	
	Recall	Campai		9111 B		ata:	
			ter: 0.0 lon: 02-She	wiffe	No Me Departm		
			len: 45,233	0	No. Ma	ter: 0.0	
73: 2006 Ford Taur	eu			53256A21047	License Pl	ate: CBB-M1	D
		\$0.00	\$36.87	\$51.00	\$0.00	\$0,00	\$87.87
Other						\$0_00	
Credit	-duta	\$0,00		<b>4100</b>			
M0053 (0.50) Miscellaneous (	abor			\$0.00			
Miscellaneous F	arts		\$0.00	\$17.00			
Work Order Labor			\$0.00	\$17.00		\$0.00	\$17,00
Other						50.00	
Credit		\$0.00		40.00			
M0053 (0.50) Miscellaneous L	abor			\$0.00			
Miscellaneous F	arts		\$0.00	\$17.00			
Work Order Labor			\$0.00	\$17,00		\$0.00	\$17.00
Other						\$0.00	
Credit	8001	\$0.00					
M0053 (0.50) Miscellaneous L	ahor			\$0.00			
Miscellaneous F	arts		\$0.00	\$17.00			
Work Order Labor			\$0.00	\$17.00		\$0.00	\$17.00
Other						\$0.00	
Credit		\$0.00					
Miscellaneous L			40.00	\$0.00			
44K (1.000) Miscellaneous F	lade		\$14.30 \$0.00				
INJ CLEANER			\$14,30	\$0.00		\$0.00	\$14.30
Other						\$0.00	
Credit		\$0.00					
Miscellaneous F Miscellaneous L			40.00	\$0.00			
SHOP SUPPLIE			\$2.31 \$0.00				
MISC SHOP SUPP			\$2.31	\$0,00		\$0.00	\$2.31
Other						\$0,00	
Credil	abor	\$0.00		40 00			
Miscellaneous F Miscellaneous L			\$0.00	\$0.00			
AF1696 (1.000)	ade		\$7.34 \$0.00				
AIR FILTER			\$7.34	\$0,00		\$0.00	\$7.34
Other						\$0.00	
Credit		\$0.00					

Miscellaneous L Credil	abor	\$0.00		\$0.00		\$0.00	
Other						\$0.00	
		\$0.00	\$25.95	\$0.00	\$0.00	60.00	\$25.95
173: 2006 Ford Taun				53256A21047		ate: CB9-M1	n
73: 2006 Ford Taun	15	M	les: 48,466				
			ater: 0.0		No Me Departm	ater: 0.0	
	Recall:	Campa	tion: 02-She	Coll M		ant:	
	External WO:		idar: 132 - S	HERIFF OIL	1	nv#: •0#:	
100 4	Open Date	Cinse Date	Stat	tura -	Downtima	Accl	dent
10563	11/02/2010	11/02/2010	Clos		0.00	Later	
	Description: A						
Detall		iscounts	Paris	Lebor	Tires	Other	Total
Service A Light Check			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous F			\$0.00	\$0.00			
Miscellaneous L Credit	abor	\$0.00		\$0.00			
Olher		40.00				\$0.00	
Lube, Oll & Filter			\$25.95	\$0.00		\$0.00	\$25,95
Miscellaneous I Miscellaneous I			\$25,95	\$0.00			
Credit		\$0.00		40,00			
Other						\$0.00	
		\$0.00	\$25.95	\$0.00	\$0.00	\$0.00	\$25.95
73: 2006 Ford Taur	us		VIN: 1FAFP	53256A21047	License P	late: CB9-M1	D
			aler: 0.0	0	No M	ster: 0.0	
			tion: 02-She	riffe	Departo		
	Recall:	Campa				Dalu:	dent
<u>WO #</u>	Open Dale	Close Date		<u>aus</u>	Downtime	ACC	
11409	06/06/2011	06/06/2011	Clo	sed	0.00		
	06/06/2011 Description: (	DPM	Clo		0.00	Olhor	Total
Detail	06/06/2011 Description: (		Cio Paris	sed Labor		Qihar	Total
Detail Service A	06/06/2011 Description: (	DPM	Clo <u>Parts</u> \$0.00		0.00	<u>Olher</u> \$0.00	<u>Total</u> \$0.00
Datal  Service A Light Check Miscellaneous	06/06/2011 Description: ( D	DPM	Clo Paris	Labor \$0.00	0.00		
Datal  Service A Light Chack Miscellaneous   Miscellaneous	06/06/2011 Description: ( D	OPM lacounia	Clo <u>Parts</u> \$0.00	Labor	0.00		
Detail Service A Light Check Miscellaneous I Credit	06/06/2011 Description: ( D	DPM	Clo <u>Parts</u> \$0.00	Labor \$0.00	0.00		\$0.00
Datall Service A Light Check Miscellaneous I Gredit Other Lube, Oll & Filter	06/06/2011 Description:( Description: Dents Parts Labor	OPM lacounia	Clo <u>Parts</u> \$0.00 \$0.00	Labor \$0.00	0.00	\$0.00	
Datalj Service A Light Check Miscellaneous i Credit Other Lube, Oll & Filter Miscellaneous i	06/06/2011 Description: ( D Parts .ebor Parts	OPM lacounia	Clo <u>Paris</u> \$0.00 \$0.00	Labor \$0.00 \$0.00 \$0.00	0.00	\$0.00 \$0.00	\$0.00
Datail Service A Light Check Miscellaneous I Credil Other Lube, Oli & Filter Miscellaneous I	06/06/2011 Description: ( D Parts .ebor Parts	DPM liacounta \$0,00	Clo <u>Parts</u> \$0.00 \$0.00	Labor \$0.00 \$0.00	0.00	\$0.00 \$0.00	\$0.00
Datalj Service A Light Check Miscellaneous i Credit Other Lube, Oll & Filter Miscellaneous i	06/06/2011 Description: ( D Parts .ebor Parts	DPM lacounia	Clo <u>Parts</u> \$0.00 \$0.00	Labor \$0.00 \$0.00 \$0.00	0.00	\$0.00 \$0.00	\$0.00
Datalj Service A Light Check Miscellaneous i Credit Other Lube, Oll & Filter Miscellaneous i Credit Other Service B	06/06/2011 Description: ( Description: ( Descriptio	DPM liacounta \$0,00	Clo Paris \$0.00 \$0.00 \$0.00 \$0.00	Labor \$0.00 \$0.00 \$0.00 \$0.00	0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00
Datall Service A Light Chack Miscellaneous I Credit Other Lube, Oll & Filter Miscellaneous I Credit Other Service B Replace Fuel Filte	06/06/2011 Description: t Parts .abor Parts .abor	DPM liacounta \$0,00	Clo Parts \$0.00 \$0.00 \$0.00 \$0.00	Labor \$0.00 \$0.00 \$0.00	0.00	\$0.00 \$0.00 \$0.00	\$0.00
Datail Service A Light Check Miscellaneous i Credit Other Lube, Oll & Filter Miscellaneous i Credit Other Service B Raplace Fuel Filt Miscellaneous i	OG/OG/2011 Description:( D Parts .ebor Parts .abor Parts	DPM liacounta \$0,00	Clo Paris \$0.00 \$0.00 \$0.00 \$0.00	Labor \$0.00 \$0.00 \$0.00 \$0.00	0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00
Datall Service A Light Chack Miscellaneous I Credit Other Lube, Oll & Filter Miscellaneous I Credit Other Service B Replace Fuel Filte	OG/OG/2011 Description:( D Parts .ebor Parts .abor Parts	DPM liacounta \$0,00	Clo Parts \$0.00 \$0.00 \$0.00 \$0.00	Labor \$0.00 \$0.00 \$0.00 \$0.00	0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00
Datall Service A Light Check Miscellaneous i Credit Uther Miscellaneous i Credit Other Service B Resplace Fuel Filter Miscellaneous Miscellaneous Miscellaneous Miscellaneous	OG/OG/2011 Description:( D Parts .ebor Parts .abor Parts	000 20,00 \$0,00	Clo Parts \$0.00 \$0.00 \$0.00 \$0.00	Labor \$0.00 \$0.00 \$0.00 \$0.00	0.00	\$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00

Other The Rotation		\$0.00	\$0.00	\$0.00 \$0.00	\$0.00
Miscellaneous Paris		\$0,00			
Miscellaneous Labor			\$0,00		
Credit	\$0.00			\$0.00	
Other				30.00	
Service C				\$0.00	\$0.00
Change Transmission Fluid Miscellaneous Parts		\$0.00 \$0.00	\$0.00	\$0.00	\$0.00
Miscellaneous Labor			\$0.00		
Credit	\$0.00				
Other			F0 00	\$0.00	\$0.00
Replace wiper blades Miscellaneous Parts		\$0.00 \$0.00	\$0.00	30.00	40.00
Miscellaneous Paris Miscellaneous Labor		40,00	\$0.00		
Credit	\$0.00				
Olher				\$0,00	
Service D					
Change Spark Plugs		\$0.00	\$0.00	\$0.00	\$0.00
Miscellaneous Parts		\$0.00	** **		
Miscellaneous Labor	80.00		\$0.00		
Credit	\$0.00			\$0.00	
Olher				1.11	
SAFETY INSPECTNS		\$0,00	\$0.00	\$0,00	\$0.00
Miscellaneous Parts		\$0,00			
Miscellaneous Labor			\$0.00		
Credit	\$0.00			\$0.00	
Other TRANSMISSIONS		\$0.00	\$9.00	\$0.00	\$0.00
Miscellaneous Parts		\$0.00			
Miscellaneous Labor			\$0,00		
Credit	\$0.00				
Olher			ta an	\$0.00 \$0.00	\$0.00
IND CLEAN Miscellaneous Parts		\$0.00	\$0.00	30,00	40.00
Miscellaneous Labor		40.00	\$0.00		
Credit	\$0.00				
Olher				\$0.00	
SPARK PLUGS		\$0.00	\$0.00	\$0.00	\$0.00
Miscellaneous Parts		\$0.00	£0.00		
Miscellaneous Labor	\$0.00		\$0.00		
Credit Olher	30.00			\$0.00	
WIPERS		\$0.00	\$0.00	\$0.00	\$0.00
Miscellaneous Parts		\$0.00			
Miscellaneous Labor			\$0.00		
Credit	\$0.00			\$0.00	
Other		***	\$0.00	\$0.00	\$0.00
ROTATE TIRES		\$0.00 \$0.00	90 00	40.00	
Miscellaneous Parts Miscellaneous Labor		40.00	\$0.00		
Credil	\$0.00				
Olher				\$0.00	** **
ROAD TEST		\$0.00	\$0.00	\$0.00	\$0.00
Miscellaneous Parts		\$0.00	£0.00		
Miscellaneous Labor	\$0.00		\$0.00		
Credit				\$0.00	
Other					
Other DPM		\$0.00	\$0.00	\$0.00	\$0.00

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## Work Order Detail

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			f0 00		
Miscellaneous Labor Credit	\$0.00		\$0,00		
Other	\$0.00			\$0.00	
MISC MAINT		\$0.00	\$0.00	\$0.00	\$0.00
Miscellaneous Parts		\$0.00			
Miscellaneous Labor			\$0.00		
Credil	\$0.00				
Other				\$0.00	
SHOP SUPPLIES		\$0,00	\$0.00	\$0.00	\$0.00
Miscellaneous Parts		\$0.00			
Miscellaneous Labor			\$0.00		
Credit	\$0.00			\$0.00	
Other		843.40	\$0.00	\$0.00	\$13.10
ENG OIL SYNTHETIC		\$13.10 \$13.10	\$0.00	40.00	414114
5W20 (5.000)		\$0.00			
Miscellaneous Parts Miscellaneous Labor		\$0.00	\$0.00		
Credil	\$0,00		40.00		
Other	90,00			\$0.00	
PWS ATC		\$8.90	\$0.00	\$0.00	\$8,99
310 (1.000)		\$8.99			
Miscellaneous Perts		\$0.00			
Miscellaneous Labor			\$0.00		
Credit	\$0.00				
Other				\$0.00	
TRANS FLUID		\$51.52	\$0.00	\$0.00	\$51.52
MERCON V (16 000)		\$51.52			
Miscellaneous Parts		\$0.00			
Miscellaneous Labor			\$0.00		
Credit	\$0.00			\$0.00	
Other		45.47	40.00	\$0.00	\$5.67
FUEL FILTER		\$5.67	\$0.00	\$0.00	43.07
G1060 (1.000)		\$5.67 \$0.00			
Miscellaneous Parts		\$0.00	\$0.00		
Miscellaneous Labor Credit	\$0.00		40.00		
	\$0,00			\$0.00	
Other INJ CLEANER		\$14,40	\$0.00	\$0.00	\$14.40
44K (1.000)		\$14,40			
Miscellaneous Parts		\$0.00			
Miscellaneous Labor		0.00	\$0.00		
Credit	\$0.00				
Olher				\$0.00	
"SPARK PLUGS		\$29.94	\$0.00	\$0.00	\$29.94
SP422 (6.000)		\$29.94			
Miscellaneous Parts		\$0.00			
Miscellaneous Labor			\$0.00		
Credit	\$0,00			89.99	
Other				\$0.00	\$10.38
WIPER6		\$10.38	\$0.00	\$0.00	\$10,30
RXL22 (1.000)		\$10.38			
Miscellaneous Parts		\$0.00	\$0.00		
Miscellaneous Labor	\$0.00		\$0.00		
Credit	\$0.00			\$0.00	
Other MOA		\$7.70	\$0.00	\$0.00	\$7.70
110 (1.000)		\$7,70	40.00		
Miscellaneous Parts		\$0.00			
Miscellaneous Labor		+	\$0.00		
Credil	\$0,00		- 137 F		
Other				\$0.00	
LUBE FILTER		\$2.79	\$0.00	\$0.00	\$2.79
PH400 (1.000)		\$2.79			

aneous Paris		\$0.00			
sneous Labor		*****	\$0.00		
	\$0.00				
				\$0,00	
R		\$7.34	\$0.00	\$0.00	\$7.34
s (1.000)		\$7.34			
aneous Parts		\$0.00	60.00		
aneous Labor	*** ***		\$0,00		
	\$0.00			\$0.00	
5 61001 150		\$2.52	\$0.00	\$0.00	\$2.52
P SUPPLIES SUPPLIES (1.000)		\$2.52	40.00		
aneous Parts		\$0.00			
aneous Labor		••••	\$0.00		
	\$0.00				
				\$0.00	
		\$11.79	\$0.00	\$0,00	\$11.79
(1.000)		\$11.79			
aneous Parts		\$0.00			
aneous Labor			\$0.00		
	\$0.00			\$0.00	
		\$0.00	\$17.00	\$0.00	\$17,00
aneous Parts		\$0.00	##11.00	40.00	4.1.44
(0.50)		40.00	\$17.00		
aneous Labor			\$0.00		
aneous caboi	\$0.00				
				\$0.00	
er Labor		\$0.00	\$34.00	\$0.00	\$34.00
aneous Perts		\$0.00			
(1.00)			\$34.00		
aneous Labor			\$0.00		
	\$0.00				
				\$0.00	\$17.00
er Labor		\$0.00	\$17.00	\$0.00	317.00
aneous Parts		\$0.00	\$17.00		
(0.50)			\$0.00		
aneous Labor	\$0.00		\$0.00		
	40.00			\$0.00	
ef Labor		\$0.00	\$34,00	\$0,00	\$34.00
eneous Parts		\$0.00	******	• •	
(1.00)			\$34.00		
laneous Labor			\$0.00		
	\$0.00				
				\$0.00	
er Labor		\$0.00	\$6,80	\$0.00	\$6,80
laneous Parts		\$0.00			
(0.20)			\$8.80		
aneous Labor	<b>*</b> 0.05		\$0.00		
	\$0.00			\$0.00	
and all and		\$0.00	\$17.00	\$0.00	\$17.00
ler Labor Ianeous Parts		\$0.00	411.00		*****
laneous Parts I (0.50)		40.00	\$17.00		
laneous Labor			\$0.00		
	\$0.00				
				\$0.00	
ler Labor		\$0.00	\$10,20	\$0.00	\$10,20
laneous Parla		\$0.00			
3 (0.30)			\$10.20		
laneous Labor			\$0.00		
	\$0.00				

				<b>WO</b>	n Oru	er Deta
Olher					\$0.00	
Work Order Labor Miscellaneous Parts		\$0.00 \$0.00	\$17.00		\$0.00	\$17.00
M0053 (0.50)			\$17.00			
Miscellaneous Lebor			\$0,00			
Credit	\$0.00				\$0.00	
Other					20.00	
	\$0.00	\$186.14	\$153.00	\$0.00	\$0.00	\$319.14
473: 2006 Ford Taurus			53256A21047	Liçense Pi	ale: CB9-M1	Ö
		les: 60,090	0			
		ter: 0.0	1110	No Me Departm	iter: 0.0	
Recall:	Campal		init a		alo:	
External WO:	Ven	dor: 132 - 5	HERIFF OIL	- li	1V#:	
and the second se	Close Date	Ó.	due	Downlime	Q#:	dent
WD # Open Data 12625 02/23/2012	02/23/2012		sed	0.00		
Description:						Total
Deinil Service A	Discounts	Paris	Labor	Tires	Other	-
Light Check Miscellaneous Parts		\$0.00 \$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous Labor			\$0.00			
Credil	\$0.00					
Other		\$22.50	\$0.00		\$0.00 \$0.00	\$22.50
Lube, Oll & Filter Miscellaneous Parts		\$22.50	20.00		\$0.00	422.30
Miscellaneous Labor		442.00	\$0.00			
Credit	\$0.00		•0100			
Other					\$0.00	
	\$0.00	\$22.50	\$0.00	\$0.00	\$0.00	\$22.50
473: 2006 Ford Taurus			53256A21047	License P	late: CB9-M1	Þ
		lles: 60,158 eter: 0.0	5.0	No M	ater: 0.0	
	Loca	lon: 02-Sh	onifs	Departm		
Recall					ale:	
WO # Ωnen Date 12833 02/27/2012	Class Date 02/27/2012		atus osed	Downtine 0.00	Acc	ident.
Description	MVI					
Detail	Discounts	Paris	Labor	Tices	Other	Total
SAF		\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous Parls		\$0.00	\$0.00			
Miscellaneous Labor Credil	\$0.00		\$0.00			
Other	\$0.00				\$0.00	
Work Order Labor		\$0.00	\$17.00		\$0.00	\$17.00
Miscellaneous Parts		\$0.00	\$17.00			
M0053 (0.50) Miscellaneous Labor			\$0.00			
Credil	\$0.00		40.00			
Other					\$0.00	
	\$0.00	\$0.00	\$17.00	\$0.00	\$0.00	\$17.00
						Page 15 of
		7/23/2020 1				

#### Work Order Detail

7473: 2006 Ford Te	urus		IN: 1FAFP es: 60,217	53258A21047		Plate: CB9-M1	D	
		No Me	ler: 0.0		No Meter: 0.0			
			on: 02-She	niffs	Depar			
	Recall	Campaig				Dale:		
	External WO:	Vand	lor: 133 - S	SHERUFF		lovil: POil:		
WO.#	Open Date	Close Date	\$La	lus	Downlim		dant	
12835	02/29/2012	02/29/2012		sed	0.00			
	Description: R	PL 4 TIRES						
Detall		Incounts	Parts	Labor	Tires	Dihar	Tote \$192.20	
133 - SHERIFF RPL 4 TIRES	TIRES, Desc:					\$392.20	\$365.51	
		\$0.00	\$0.00	\$0.00	\$0.00	\$392.20	\$392.20	
						PL 411 ODD 144		
7473: 2006 Ford To	turus.	M	les: 64,179	53256A21047 L0		Plate: CB9-M1	0	
			ter: 0.0			Meter: 0.0 tment:		
	Recall:	Campal	on: 02-Shi	5111115	Debai	Date:		
WO #	Onen Bala	Close Date		lue	Downiim		dent	
13918	07/30/2012	07/30/2012		bead	0.00			
	Description: A				-			
Detall	0	iscounta	Parts	Labor	<u>Aa111</u>	Other	Tola	
Service A Light Check			\$0.00	\$0.00		\$0.00	\$0.0	
Miscellaneo	is Parts		\$0.00					
Miscellaneo	us Labor			\$0.00				
Credit		\$0.00				\$0.00		
Other Lube, Oll & Filt	ar		\$9.00	\$0.00		\$0.00	\$0.0	
Miscellaneo			\$0.00					
Miscellaneo				\$0,00				
Credit		\$0.00				\$0.00		
Other						30.00		
SAFETY INSPE	CTNS		\$0.00	\$0.00		\$0.00	\$0.0	
Miscellaneo	us Parts		\$0.00					
Miscellaneo	us Lebor	\$0.00		\$0.00				
Credit Other		90.00				\$0.00		
APM			\$0.00	\$0.00		\$0.00	\$0.0	
Miscellaneo			\$0.00					
Miscellaneo	us Labor	£0.00		\$0,00				
Credit Other		\$0.00				\$0.00		
SHOP SUPPLI	ES		\$0.00	\$0.00		\$0.00	\$0,0	
Miscellaneo	us Parts		\$0.00					
Miscellaneo	us Labor			\$0.00				
Credit		\$0.00				\$0.00		
Other AIR FILTER			\$7.34	\$0.00		\$0.00	\$7.3	
AF 1696 (1.0	00)		\$7.34					
Miscellaneo	us Parts		\$0.00					
Miscellaneo	us Labor			\$0.00				
Credit		\$0.00				\$0.00		
						\$0.00	\$2.2	
MISC SHOP SI	IPPI IFS		\$2.24	\$0.00				

Report Created by collective/Fleat 7.0

SHOP SUPPLIES (1 000)         \$2.24           Miscellaneous Parts         \$0.00           Miscellaneous Labor         \$0.00           Orall         \$0.00           UDB FLITER         \$2.79           Miscellaneous Parts         \$0.00           Miscellaneous Labor         \$0.00           Credit         \$0.00           Miscellaneous Parts         \$0.00           SW20 (5000)         \$13.80           SW20 (5000)         \$13.80           Other SWNTHETIC         \$13.80           SW20 (5000)         \$13.80           Other SWRTHETIC         \$10.00           Other SWRTHETIC         \$13.80           SU20 (5000)         \$31.80           Miscellaneous Labor         \$0.00           Other SWRTHETIC         \$13.80           DRUM GREASE (5000)         \$30.85           DRUM GREASE (5000)         \$30.85           Miscellaneous Labor         \$0.00           Credit         \$0.00           DRUM GREASE (5000)         \$30.85           Miscellaneous Labor         \$0.00           Credit         \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	) \$2.79 ) \$13.80
Miscalianeous Paris         \$0.00           Miscalianeous Labor         \$0.00           Other         \$2.79           LUBE FILTER         \$2.79           Miscalianeous Labor         \$0.00           Credit         \$0.00           Miscalianeous Paris         \$0.00           Other         \$0.00           ENO DL SYNTHETIC         \$13.80           SW20 (5000)         \$3.3.80           Miscalianeous Paris         \$0.00           Other         \$0.00           ENO DL SYNTHETIC         \$13.80           Sw20 (5000)         \$3.3.80           Miscalianeous Paris         \$0.00           Credit         \$0.00           DRUM GREASE SUPER         \$0.6.85         \$0.00           DRUM GREASE SUPER         \$0.85         \$0.00           Miscalianeous Labor         \$0.00         Miscalianeous Labor	\$0.00 \$0.00 \$0.00 \$0.00	) \$2.79 ) \$13.80
Creat         \$0.00           Other         \$2.79         \$0.00           LUBE FILTER         \$2.79         \$0.00           Miscellaneous Parta         \$0.00           Miscellaneous Labor         \$0.00           Other         \$1.86         \$0.00           Other         \$1.86         \$0.00           Other         \$1.86         \$0.00           Other         \$1.80         \$0.00           Other         \$1.80         \$0.00           Other         \$0.00         \$1.380           Miscellaneous Parts         \$0.00         \$0.00           Credit         \$0.00         \$0.00           DOING FEASE SUPER         \$0.65         \$0.00           Miscellaneous Labor         \$0.00         \$0.65           DRUM GREASE (5 0.00)         \$0.65         \$0.00           Miscellaneous Labor         \$0.00         Miscellaneous Labor	\$0.00 \$0.00 \$0.00 \$0.00	) \$2.79 ) \$13.80
Other         \$2,79         \$0,00           UDB FILTER         \$2,29         \$0,00           PH400 (1000)         \$2,29         Miscellanous Parts         \$0,00           Credit         \$0,00         \$0,00         Collect           Other         \$0,00         \$0,00         Collect           Differ         \$0,00         \$0,00         \$0,00           Other         \$0,00         \$0,00         \$0,00           Miscellanous Parts         \$0,00         \$0,00         \$0,00           Other         \$0,00         \$0,00         \$0,00         \$0,00           Other         \$0,00	\$0.00 \$0.00 \$0.00 \$0.00	) \$2.79 ) \$13.80
LUBE FLITER \$2.79 \$0.00 PH400 (1000) \$2.79 Miscellaneous Parts \$0.00 Credit \$0.00 ENG OLL SYNTHETIC \$13.60 \$0.00 SW00 (5 000) \$13.60 Miscellaneous Parts \$0.00 Other EASE SUPER \$0.65 \$0.00 ORUM CREASE (5 000) \$0.65 Miscellaneous Labor \$0.00 Other EASE SUPER \$0.65 \$0.00 Miscellaneous Parts \$0.00 Miscellaneous Labor \$0.00 Other EASE SUPER \$0.65 \$0.00 Miscellaneous Labor \$0.00 DRUM CREASE (5 000) \$0.65 Miscellaneous Labor \$0.00	\$0.00 \$0.00 \$0.00 \$0.00	) \$2.79 ) \$13.80
P1400 (1.000)         \$2.79           Miscellanous Parts         \$0.00           Miscellanous Parts         \$0.00           Credit         \$0.00           Olivar         \$0.00           Big Oli SYNTHETIC         \$13.80           Miscellanous Parts         \$0.00           Miscellanous Parts         \$0.00           Miscellanous Labor         \$0.00           Other         \$0.00           Miscellanous Parts         \$0.00           Other         \$0.00           DRUM GREASE SUPER         \$0.65           Miscellanous Labor         \$0.00           Other         \$0.00           DRUM GREASE (5 000)         \$0.65           Miscellanous Labor         \$0.00	\$0.00 \$0.00 \$0.00	0 0 \$13.80 0
Missellanoous Parts         \$0.00           Missellanoous Labor         \$0.00           Credit         \$0.00           Other            ENG OLL SYNTHETIC         \$13.80           SW20 (5 000)         \$13.80           Misselanoous Parts         \$0.00           Credit         \$0.00           Credit         \$0.00           Credit         \$0.00           Other         \$0.00           Discelanoous Parts         \$0.00           Credit         \$0.00           Other         DRUM GREASE SUPER           DRUM GREASE (5 000)         \$0.65           Miscelanoous labor         \$0.00           Miscelanoous labor         \$0.00	\$0.00	0 \$13,80
Missellaneous Labor         \$0.00           Credit         \$0.00           Other         \$13.80           SW0 CL SYNTHETIC         \$13.80           SW0 CL SYNTHETIC         \$13.80           Missellaneous Parts         \$0.00           Credit         \$0.00           SW0 CL SYNTHETIC         \$13.80           Missellaneous Parts         \$0.00           Credit         \$0.00           DRUM GREASE SUPER         \$0.65           DRUM GREASE (5 0.00)         \$0.65           Missellaneous Labor         \$0.00	\$0.00	0 \$13,80
Credit         \$0,00           Other         Other           Collect         \$13,80           SW20 (5,000)         \$13,80           Miscellaneous Parts         \$0,00           Credit         \$0,00           Credit         \$0,00           Credit         \$0,00           Credit         \$0,00           DRUM GREASE SUPER         \$0,65           DRUM GREASE (5 000)         \$0,65           Miscellaneous labor         \$0,00           Miscellaneous labor         \$0,00	\$0.00	0 \$13,80
Other         513.60         \$0,00           SW00 CI, SYNTHETIC         \$13.80         \$0,00           SW00 (5,000)         \$13.80         \$0,00           Miscelaneous Parts         \$0,00         \$0,00           Credit         \$0,00         \$0,00           DRUM GREASE SUPER         \$0,65         \$0,00           DRUM GREASE (5000)         \$0,65         \$0,00           Miscelianeous labor         \$0,00         \$0,05           Miscelianeous labor         \$0,00         \$0,00	\$0.00	0 \$13,80
ENG OIL SYNTHETIC         \$1,80         \$0,00           SW20 (6 000)         \$13,80         \$0,00           Miscelaneous Parts         \$0,00         Credit           Credit         \$0,00         Credit         \$0,00           Credit         \$0,00         Credit         \$0,00           DRUM GREASE SUPER         \$0,65         \$0,00           DRUM GREASE (5 000)         \$0,65         \$0,00           Miscelianeous Labor         \$0,00         S0,65           Miscelianeous Labor         \$0,00         \$0,65	\$0.00	0 \$13,80
5W20 (5.000)         \$13.80           Miscelaneous Parts         \$0.00           Credit         \$0.00           Other EASE SUPER         \$0.65           DRUM GREASE (5.000)         \$0.65           Miscelaneous Labor         \$0.00           Other EASE SUPER         \$0.65           Miscelaneous Parts         \$0.00           Miscelaneous Labor         \$0.00	50.00	0
Miscellaneous Parts         \$0.00           Miscellaneous Labor         \$0,00           Credit         \$0,00           Other         0           DRUM GREASE SUPER         \$0.65           DRUM GREASE (\$000)         \$0.65           Miscellaneous Parts         \$0.00           Miscellaneous Labor         \$0.00		
Miscellaneous Labor         \$0,00           Credit         \$0,00           Other         \$0,65           DRUM GREASE SUPER         \$0,65           DRUM GREASE (\$000)         \$0,65           Miscellaneous Labor         \$0,00		
Credit         \$0,00           Other         Other           DRUM GREASE SUPER         \$0,65           DRUM GREASE (5 000)         \$0,65           Miscellaneous Parts         \$0.00           Miscellaneous Labor         \$0,00		
DRUM GREASE SUPER         \$0.65           DRUM GREASE (5.000)         \$0.65           Miscolianeous Parts         \$0.00           Miscolianeous Labor         \$0.00		
DRUM GREASE (5 000)         \$0.65           Miscellaneous Parts         \$0.00           Miscellaneous Labor         \$0.00	\$0,00	\$0.65
Miscellaneous Parts \$0.00 Miscellaneous Labor \$0.00		
Miscellaneous Labor \$0.00		
Credit \$0.00		
Other	\$0.00	
MOA \$8.00 \$0.00	\$0.00	\$8,00
110 (1.000) \$8.00		
Miscellaneous Parte \$0.00 Miscellaneous Labor \$0.00		
Miscellaneous Labor \$0.00 Credit \$0.00		
Other	\$0.00	n
Work Order Labor \$0.00 \$17.00	\$0.00	
Miscellaneous Parts \$0.00	40.00	
M0053 (0.50) \$17.00		
Miscellaneous Labor \$0.00		
Credil \$0.00		
Other	\$0.00	
Work Order Labor \$17.00	\$0.00	0 \$17,00
Miscellaneous Parts \$0.00		
M0053 (0.50) \$17.00		
Miscellaneous Labor \$0.00		
Credit \$0.00	40.00	
Other	\$0.00	0
\$0.00 \$34.82 \$34.00 \$0.00	\$0.00	0 <u>\$68.82</u>
'3: 2006 Ford Taurus VIN: 1FAFP53256A21047 License Miles: 66.738.0	Plate: CB	B9-M1D
	Meter: 0.0	Ð
Location: 02-Sheriff's Depart		5
Recall: Campaign #	Date:	
WO# Open Date Close Date Statue Downline	8	Accidant
15015 12/21/2012 12/21/2012 Closed 0.00		
Description: LR BRAKE LIGHT		and the given
Detail Discounts Parts Labor Ilrea	01he \$0.00	
LR BRAKE LIGHT \$0.00 \$0.00	30.00	a \$0.00
Miscellaneous Parts \$0.00 Miscellaneous Labor \$0.00		
Credit \$0.00 Other	\$0.00	0
BULB \$1.79 \$0.00	\$0.00	
4157 (1,000) \$1,79	40104	
Miscellaneous Parte \$0.00		

Miscellaneous L	abor			\$0.00			
Credit		\$0.00				\$0.00	
Olher			** **	*** **		\$0.00	\$10.20
Work Order Labor			\$0.00	\$10.20		\$0.00	410,20
Miscellaneous F	arts		\$0,00				
M0053 (0_30)				\$10.20			
Miscellaneous L	abor			\$0.00			
Credil		\$0.00				\$0.00	
Other						50.00	
		\$0.00	\$1.79	\$10,20	\$0,00	\$0.00	<u>\$11.09</u>
473: 2006 Ford Taur	19		VIN: 1FAFF	53256A21047	License	Plate: CB9-M1	D
			ter: 0.0		No h	leter: 0.0	
			ion: 02-Sh	- Wie	Departi		
	a			Dent'ar.		Date:	
	Recall:	Cempal		20.0101		Accl	dent 1
WOW	Open Dale	Close Date		atus	Downtime	ACE	
15670	02/21/2013	02/21/2013	Ck	sed	0.00		
	Description: (		B. 4.	1 ab au	Tires	Other	Total
Detall	·. <u>D</u>	scounts	Paris	Lebor	TRUE	Samar	1018
Service A			£0.00	\$0.00		\$0.00	\$0.00
Light Check			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous F			\$0.00	FO 00			
Miscellaneous L	abor			\$0,00			
Credil		\$0.00					
Olher						\$0.00	
Lube, Oil & Filter			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous F	arts		\$0.00				
Miscellaneous L	abor			\$0,00			
Credit		\$0.00					
Other						\$0,00	
Service B							
<b>Replace Fuel Fille</b>	r		\$0.00	\$0.00		\$0,00	\$0.00
Miscellaneous			\$0.00				
Miscellaneous I				\$0.00			
Credil		\$0.00					
Other						\$0.00	
Tire Rotation			\$0.00	\$0,00		\$0.00	\$0,00
Miscellaneous I	Parie		\$0.00				
Miscellaneous I				\$0,00			
Credil		\$0.00					
Other						\$0.00	
SAFETY INSPECT			\$0.00	\$0.00		\$0.00	\$9.00
Miscellaneous			\$0.00	40.00		40100	
Miscellaneous			÷0.00	\$0.00			
Credit		\$0.00		40.00			
Olber		44.00				\$0.00	
FUEL FILTER			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous	ante		\$0.00			1.101	
Miscellaneous I			\$0.00	\$0.00			
Credit		\$0.00		40.00			
Other		40.00				\$0.00	
			\$0.00	\$0.00		\$0.00	\$0.00
ROTATE TIRES	Teste		\$0.00	40.00		40100	40.00
Miscellaneous			20.00	\$0.00			
Miscellaneous I	"soot,	\$0.00		90.00			
Credit		20.00				\$0.00	
Olher			\$0.00	\$0.00		\$0.00	\$0.00
ROAD TEST			\$0.00	20.00		40.00	40.00

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Work Order Detail

				Wo	rk Urd	ler Del
Miscellaneous Labor			\$0.00			
Credit	\$0,00					
Other					\$0.00	
Work Order Labor		\$0.00	\$17.00		\$0.00	\$17.00
Miscellaneous Parts		\$0.00				
M0053 (0.50)			\$17.00			
Miscellaneous Labor			\$0.00			
Credit	\$0,00					
Other					\$0.00	
Work Order Labor		\$0.00	\$17.00		\$0.00	\$17,00
Miscellaneous Parts		\$0.00				
M0053 (0.50)			\$17.00			
Miscellaneous Labor			\$0.00			
Credit	\$0.00				\$0.00	
Other					\$0.00	\$13.60
Work Order Labor		\$0.00	\$13.60		\$0.00	\$13,00
Miscellaneous Parts		\$0.00				
M0053 (0.40)			\$13.60			
Miscellaneous Labor	#0.00		\$0.00			
Credit	\$0.00				\$0.00	
Other		\$0.00	\$10.20		\$0.00	\$10.20
Work Order Labor		\$0.00	\$10.20		40.00	410.20
Miscellaneous Parts		90.00	\$10.20			
M0053 (0.30)			\$0.00			
Miscellaneous Labor	\$0.00		\$0.00			
Credil	20.00				\$0.00	
Olher		\$0.00	\$17.00		\$0.00	\$17,00
Work Order Labor		\$0.00	\$17.00		90.00	411.00
Miscellaneous Perts		30.00	\$17.00			
M0053 (0.50)			\$0.00			
Miscellaneous Labor	\$0.00		20.00			
Credit	40.00				\$0.00	
Other Work Order Labor		\$0.00	\$17.00		\$0.00	\$17.00
Miscellaneoue Parts		\$0.00	411.00			
M0053 (0:50)		40.00	\$17.00			
Miscellaneous Labor			\$0.00			
Credit	\$0.00		40,00			
Other	40.00				\$0.00	
Guai						
	\$0.00	\$58.63	\$91.80	\$0.00	\$0.00	<u>\$150.4</u> 3
73: 2006 Ford Taurua	$  v  \ge 3$	VIN: 1FAF	53256A21047	License P	late: CB9-M1	1D
		Nater: 0.0		No M	eter: 0.0	
		ation: 02-Sh	ACT N	Departm	ent:	
Recall:		alan #			Date:	
WO # Open Date	Close Dat		atua	Downline	Acc	Ident
15910 03/18/2013	03/16/2013		beac	0.00		
Description:	RPL HUB CAR					
	Discounts	Parts	Labor	Tirea	Olhar	Total
RPL HUB CAP		\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous Parts		\$0.00				
Miscellaneous Labor			\$0.00			
Credit	\$0.00				eo 00	
Other					50 00	657.00
"HUB CAP		\$57.98	\$0.00		\$0.00	\$57.98
		\$57.98				
5F1Z1130AA (1,000)		\$0.02				
Miscellaneous Parts		40.00	***			
	\$0.00	40.00	\$0.00			

Work Order Detail

Miscellaneous Parts		\$0.00			
Miscellaneous Labor			\$0.00		
Credit	\$0.00				
Other				\$0,00	
BPM		\$0.00	\$0.00	\$0.00	\$0.00
Miscellaneous Parts		\$0.00			
Miscalaneous Labor			\$0,00		
Credil	\$0.00			FD 00	
Other		** **	£0.00	\$0.00	\$0.00
RPL CABIN FILTER		\$0.00	\$0.00	\$0,00	40.00
Miscellaneous Parts		\$0.00	\$0.00		
Miscellaneous Labor Credil	\$0.00		90.00		
	\$0.00			\$0.00	
Olher PRVT MAIN'T		\$0.00	\$0.00	\$0.00	\$0.00
Miscellaneous Parts		\$0.00	40,00	\$0.00	
Miscellaneous Labor		40.00	\$0.00		
Credit	\$0.00		40.00		
Other	\$0.00			\$0.00	
SHOP SUPPLIES		\$0.00	\$0.00	\$0.00	\$0.00
Miscellaneous Parts		\$0.00	40100		
Miscellaneous Labor		40.00	\$0.00		
Credit	\$0.00				
Other	*****			\$0.00	
AIR FILTER		\$6.13	\$0.00	\$0.00	\$6.13
AF1696 (1.000)		\$6.13			
Miscellaneous Parts		\$0.00			
Miscellaneous Labor		• • • • •	\$0.00		
Credit	\$0.00				
Olher	-			\$0.00	
CAB AIR FILTER		\$7.33	\$0.00	\$0.00	\$7.33
CAF1703 (1.000)		\$7.33			
Miscellaneous Parts		\$0.00			
Miscellaneous Labor			\$0.00		
Credit	\$0.00			50.00	
Other			** **	\$0.00	\$2.15
LUBE FILTER		\$2.15	\$0.00	\$0.00	\$2.10
PH400 (1.000)		\$2.15			
Miscellaneous Parts		\$0.00	\$0.00		
Miscellaneous Labor	£0.05		90.00		
Credit	\$0.00			\$0.00	
Olher		\$8.00	\$0.00	\$0.00	\$6.00
MOA			40.00	\$0.00	40.00
110 (1.000)		\$8.00			
Miscellaneous Parts Miscellaneous Labor		\$0.00	\$0.00		
	\$0.00		20100		
Credit Other	00.00			\$0.00	
ENG OIL SYNTHETIC		\$13,90	\$0.00	\$0.00	\$13.90
5W20 (5:000)		\$13.90	40.00	40.00	
Miscellaneous Parts		\$0.00			
Miscellaneous Labor		40.00	\$0.00		
Credil	\$0.00		40.00		
Olher	00.00			\$0.00	
INJ CLEANER		\$15.45	\$0.00	\$0.00	\$15.45
44K (1.000)		\$15.45		•	
Miscellaneous Parts		\$0.00			
Miscellaneous Labor			\$0.00		
Credit	\$0.00				
Olher				\$0,00	
FUEL FILTER		\$5.67	\$0.00	\$0.00	\$5,67
G1060 (1.000)		\$5.67			
Miscellaneous Paris		\$0,00			
ourt Created by collectiveFlast 7.0		07/23/2020 10	07 AM		Page 19 o

Report Created by cofectiveFleet 7.0 07723/2020 10:07 AM

					vvor	K UID	er Detai
Olher						\$0.00	
Work Order La			\$0.00	\$6.80		\$0.00	\$6.80
Miscellaneo			\$0.00	***			
M0053 (0.2)				\$6 B0 \$0.00			
Miscellaneo Credit	us Labor	\$0.00		\$0.00			
Other		\$0,00				\$0.00	
Other							
		\$0.00	\$57.98	\$6.80	\$0.00	\$0.00	<u>\$64.78</u>
473: 2005 Ford 1	incontas.		VIN: 1FAF	53256A21047	License Pi	atel C89-M10	2
		No Me	ter: 0.0	T	No Me Departm	0.0 not	
	Recall:	Campa		dout is		ater	
WOW	Open Dale	Close Date		alum	Downtime	Accia	fent
17143	08/27/2013	08/27/2013		beac	0.00		
	Description: #			3			
Dotail		acounts	Paris	Labor	Tires	01her \$0.00	Total \$0.00
CAM SYNCHR			\$0.00	\$0.00		20.00	a0.00
Miscellaneo			\$0.00	\$0.00			
Credit		\$0.00		40,00			
Other						\$0.00	
ROAD TEST			\$0.00	\$0.00		\$0.00	\$0,00
Miscellaneo			\$0.00				
Miscellaneo	xus Labor			\$0.00			
Credil Other		\$0.00				\$0.00	
*CAM SYNCH			\$45.43	\$0.00		\$0.00	\$45,43
689-117 (1.			\$45.43	40.00		40.00	
Miscellaned			\$0.00				
Miscellaneo			40.00	\$0.00			
Credit		\$0,00					
Other						\$0.00	
Work Order L			\$0.00	\$34.00		\$0.00	\$34,00
Miscellaneo			\$0.00	624.00			
M0053 (1.0				\$34.00 \$0.00			
Miscellaneo Credit	NIS Labor	\$0.00		\$0.00			
Olber		40.00				\$0.00	
Work Ordar L	abor		\$0.00	\$10.20		\$0.00	\$10.20
Miscellaned	us Parts		\$0.00				
M0053 (0.3	0)			\$10,20			
Miscellaneo	ous Labor			\$0,00			
Credit		\$0.00				\$0.00	
		\$0.00	\$45.43	\$44.20	\$0.00	\$0,00	\$89.63
473: 2006 Ford	Teurue			P53256A21047		late: CB9-M1	Ď
			liles; 77,02	4.0			
			eler: 0.0			ater: 0.0	
			tion; 02-St	whell a		ent: 1251-Sh	erim 6
	Recall: External WO:	Campa Ver	lgn∥ ndor: 132 -	SHERIFF OIL	ī	bale: nv#: PO#:	
WOW	Open Dale	Ciose Date		atua	Downtime		doni
26265	11/18/2013	11/18/2013	C	osed	0,00		
	Description:						
			7/23/2020 1				Page 21 of

					1101	n ora	
		APM				015-15	Total
Datall Service A		Discounts	Paris	Labor	Tires	Other	10131
Service A Light Check Miscellaneous Par	-		\$0.00 \$0.00	\$0,00		\$0,00	\$0,00
Miscellaneous Lab			40.00	\$0.00			
Credit		\$0.00					
Other						\$0.00	
Lube, Oll & Filter			\$26 95	\$0,00		\$0.00	\$28.95
Miscellaneous Par			\$26.95	\$0.00			
Miscellaneous Lab Credil	10r	\$0.00		30,00			
Olher						\$0.00	
		\$0.00	\$26,95	\$0,00	\$0.00	\$0.00	\$26.95
173: 2006 Ford Taurus			VIN 1FAFF	53256A21047	License P	late: C89-M1	0
			eter: 0.0	.0	No Mi	eter: 00	
			tion: 02-Sh	triff a	Departm	ent:	
	Recall	Campa	lgn #			ato:	
25261	Open Date 01/14/2014	Close Dale 01/14/2014	SL	alus bea	0.00	Acc	dani
	Description:	RPL WIPERS					
Ontall		Discounts	Paris	Labor	Tires	Other	Total
Work Order Labor			\$0.00	\$6.80		\$0.00	\$6.80
Miscellaneous Par	15		\$0.00	\$6.60			
M0053 (0.20) Miscellaneous Lat	ant			\$0.00			
Credit	504	\$0.00		40.00			
Other						\$0.00	
WIPERS			\$5.32	\$0.00		60.00	\$5.32
RXL22 (1.000)			\$5.32				
Miscellaneous Par Miscellaneous Lat			\$0.00	\$0.00			
Credil	<i></i>	\$0.00					
Other						\$0.00	
WIPER BLADES			\$5.61	\$0.00		\$0.00	\$5.61
31-20 (1.000)			\$5.61 \$0.00				
Miscellaneous Par Miscellaneous Lat			20,00	\$0.00			
Criedit		\$0.00					
Other						\$0.00	
		\$0.00	\$10.93	\$6,60	\$0.00	\$0.00	\$17.73
473; 2006 Ford Taurus		N	VIN: 1FAFF	53256A21047	License P	late: CB9-M1	D
		Loca	eter: 0.0 tion: 02-Sh	will's	Departm	ster: 0,0 iont: )ale:	
WO #	Recall: Open Date	Close Date		ntus	Downtime		ident
	02/07/2014	02/07/2014	Cl	osed	0.00		
	Description	MVI		- 14.14			
Detail		Discounts	Parts	Lahor	Tires	So.00	<u>Total</u> \$17.00
Work Order Labor	-		\$0.00 \$0.00	\$17,00		\$0.00	\$17.00
Miscellaneoue Pa	rts		90,00				

Work Order Detail

Miles: 83.042.0     No Meter: 0.0       No Meter: 0.0       Location: 02-Shortfa       Data:       External W0:     Vender: 122-Shertfa       Data:       2026       Operation: APM       Data:       Data: <th <="" colspan="2" th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th>	<th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>								
Chedii         S0.00         S0.00 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>									
Other         50.00         50.00         50.00         50.00         50.00         511261           173: 2008 Ford Taurus         Vitk: 17AFES325620A21047 Miles: 63.0240         Licenies Plate: C38-M1D No Mater: 0.0 Licenies 10.0 Department: 1251-5berffs         No Mater: 0.0 Department: 1251-5berffs           173: 2008 Ford Taurus         Recall: Campaign #         Campaign #         No Mater: 0.0 Department: 1251-5berffs         Department: 1251-5berffs           174: 2008 Ford Taurus         Discounta         Eater         Salua         Date: 1251-5berffs           175: 2008 Ford Taurus         Discounta         Eater         Labor         Tara         Other           172: 2008 Ford Taurus         Discounta         Eater         Labor         Tara         Other         Tata           172: 2008 Ford Taurus         Discounta         Eater         Labor         Tara         Other         Tata           173: 2008 Ford Taurus         S0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           173: 2008 Ford Taurus         S0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           173: 2008 Ford Taurus         Vitk: (FAFPS3256A21647         License Plate: C3P-MID         No Meter: 0.0         0.00           172: 2008 Fo		\$0.00		40.00					
T3: 2006 Ford Taurus     Units		\$0.00				\$0.00			
T3: 2006 Ford Taurus     Units							e 47 00		
Miles:         83,200 FM         Miles:         83,202 O           No. Mater:         0.0         Location:         0.0         Department:         1251-Sheriffs           No. Mater:         0.0         Department:         1251-Sheriffs         Date:           Mide:         0.0         Department:         1251-Sheriffs         Department:         1251-Sheriffs           Mode         External WO:         Vendor:         132 - SHERIFF OIL         No. Meter:         0.0           Sected         Osconzolation         Sconzolation         Sconzolation         Doantima         Accidant           Sected         Osconzolation         Sconzolation         Sconzolation         Sconzolation         Sconzolation           Sected         Osconzolation         Sconzolation         Sconzolation         Sconzolation         Sconzolation           Sected         Sconzolation         Sconzolation         Sconzolation         Sconzolation         Sconzolation           Miscellaneous Parts         Stonzolation         Sconzolation         Sconzolation         Sconzolation           Miscellaneous Parts         Stonzolation         Sconzolation         Sconzolation         Sconzolation           Miscellaneous Parts         Stonzolation         Sconzolation         <		\$0.00	\$0.00	\$17.00	90.00	\$0.00	211.04		
Lessition:         Description:         Description:         Description:           WO_A         Open Date External W0:         Close Date Verdor:         132 - 5HERIFF OL         Description:         Accident           WO_A         Open Date 050002014         Close Date 050002014         Status 050002014         Description:         Accident           Bandia         Discounda         Paris         Lakor         Times         Other         Total           Bandia         Discounda         Paris         Lakor         Times         Other         Total           Bandia         Discounda         Paris         Lakor         Times         Other         Total           Credit         S0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Credit         \$0.00         \$42.40         \$0.00         \$0.00         \$0.00         \$42.40           Miscellaneous Labor         \$0.00         \$42.40         \$0.00         \$0.00         \$42.40           Credit         \$0.00         \$42.40         \$0.00         \$0.00         \$42.40           73: 2066 Ford Taurus         Vin: (FAFPE3226A21047         License Plate: CB9-MID         No Mater: 0.0         No Mater: 0.0	3; 2006 Ford Taurus		Miles; 83,042				D		
External WO:         Vendor:         132 - SHERIFF OIL         Inver POR           WO at 26254         Description:         And OSTOR2014         Status OSTOR2014         Description:         Accidant           26264         Ostor2014         Ostor2014         Status OSTOR2014         Description:         Accidant           26264         Ostor2014         Discounta         Earls         Labor         Discounta         Accidant           26264         Ostor2014         Stores         Stores         Stores         Ostor         Stores           26264         Ostor2014         Stores         Stores         Stores         Stores         Stores           26264         Ostor         Stores         Stores         Stores         Stores         Stores         Stores           26264         Ostor         Stores         Sto		Lo	ocation: 02-5h	oriffs	Departs	ment: 1251-Sh	eriff's		
WO_B         Clear Date 05/09/2014         Clear Date 05/09/2014         Clear Date 05/09/2014         Clear Date 0.00         Description: Accident           Data Series A         Description: APM Disculaneous Parts         Data Disculaneous Parts         50.00         \$0.00         \$0.00         \$0.00           Misculaneous Parts         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Uby Oil # Filer         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Uby Oil # Filer         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Y3: 2006 Ford Taurus         VNH (FAPP5326A21047         Liceme Plate: C03-MID         No Meter: 0.0         No Meter: 0.0         No Meter: 0.0           VO.#         Resalt         Clear Date         Clear Date         Clear Date         Clear Date         Clear Date         Clear Date         Clear Date <td< td=""><td></td><td></td><td>npaign# Vendor: 132-9</td><td></td><td></td><td></td><td></td></td<>			npaign# Vendor: 132-9						
22224         05/00/2014         05/00/2014         Closed         0.00           Description:         APM Discourcia Service A         Discourcia Light Check         20.00         \$0.00         \$0.00           Miscellaneous Batts         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$10.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Miscellaneous Batts         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Cited is used claneous Labor Credit         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           73: 2006 Ford Taurus         VME: (FAFP53256A21047 Miscellaneous Labor Credit         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           73: 2006 Ford Taurus         VME: (FAFP53256A21047 Miscellaneous Labor Credit         No Mater: 0.0 No Mater: 0.0 Location: 02-Sheriffier         Despatient: 205-Sheriffier         Despatient: 205-Sheriffier           Observatient         Claneous Date         Status         Datematient         Status         Datematient         Status         Datematient           112625         Date Claneous Date         Status         Status         Status		KIERNAI WO:	Vendor: 132-3	SUCKIEF OIL		PO#			
Datali         Discounta         Parts         Labar         Disa         Other         Data           Units         Soudo A         \$0.00 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>Acc</td><td>dent</td></t<>						Acc	dent		
Datali         Discounta         Parts         Labar         Disa         Other         Data           Units         Soudo A         \$0.00 <t< td=""><td></td><td>Description: APM</td><td></td><td></td><td></td><td></td><td></td></t<>		Description: APM							
Light Check \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 Miscellaneous Parts \$0.00 Credit \$0.00 Credit \$0.00 Credit \$0.00 Credit \$0.00 Credit \$0.00 S0.00 \$0		Discounts	Paris	Labor	Tires	Other	Total		
Mitesianaous Labor Credii         \$0.00           Credii         \$0.00           Other         \$42.40           Lube, Oli & Filter         \$42.40           Lube, Oli & Filter         \$42.40           Miscollameous Parts         \$42.40           Miscollameous Parts         \$42.40           S0.00         \$0.00           Credii         \$0.00           S0.00         \$0.00           Credii         \$0.00           S0.00         \$0.00           S0.00         \$0.00           S0.00         \$0.00           VD4         S0.00           Resalt         Compliance Plate:           VO.8         Resalt           Compliance         Class Date           VO.8         Resalt           Champian B         Status           Disonants         Status      <	Light Check			\$0.00		\$0,00	\$0.00		
Credit Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$42.40         \$0.00         \$0.00         \$42.40           Miscelaneous Parts Miscelaneous Labor Credit Other         \$0.00			\$0.00	\$0.00					
Luba: Oli & Filler Luba: Oli & Filler Miscellaneous Parta Miscellaneous Parta Miscellaneous Parta Miscellaneous Parta S0.00 S0.0	Credil	\$0.00							
Lu Micciala nuo Parts \$42,40 \$0.00 \$			\$40.4C	*0.00			\$47.60		
Milecialaneous Labor Credit         \$0.00           Credit         \$0.00           S0.00         \$0.00           \$0.00         \$0.00           \$0.00         \$0.00           \$0.00         \$0.00           \$0.00         \$0.00           \$0.00         \$0.00           \$0.00         \$0.00           \$0.00         \$0.00           \$0.00         \$0.00           Y3: 2006 Ford Taurue         VNE: (FAFP53266/21047         License Plate: CD9-MID           Milas: 66,428.0         No Meter: 0.0         No Meter: 0.0           No Mater: 0.0         Location: 02-Sheriffs         Despartment: 1251-Sheriff's           WO.#         Clease Date         Clease Date         Despartment: 1251-Sheriff's           YO.#         Recall:         Clease Date         Despartment: 1251-Sheriff's           YO.#         Recall:         Clease Date         Despartment: 1251-Sheriff's           YO.#         Recall         Despartment: 1251-Sheriff's         Despartment: 1251-Sheriff's           YO.#         Recall         So.00         \$17.00         \$0.00           Miscalaneous Parts         \$0.00         \$0.00         \$0.00         \$0.00           Credit         \$0.00	Lubs, Oli & Filler			20.00		\$0.00	444.40		
Credit Other         50.00         S0.00         S0.00           \$0.00         \$42.40         \$0.00         \$0.00         \$42.40           73: 2006 Ford Taurus         VH4: (FAFP53256A21047 Milas: E549-4107         License Plate: CB9-MID Location: 02-Sheriffs         No Meter: 0.0 Department: 1251-Sheriff's Date: 1261-Sheriff's Date: 11/12/2014         No Meter: 0.0 Location: 02-Sheriff's Department: 1251-Sheriff's Date: 11/12/2014         No Meter: 0.0 Department: 1251-Sheriff's Date: 11/12/2014         Date: 10.00 Location: 02-Sheriff's Date: 10.00         Acclidual           11262/5         11/12/2014         Status 11/12/2014         Date: 10.00 Location: 02-Sheriff's Date: 10.00         Acclidual           11262/5         11/12/2014         Status 11/12/2014         Date: 10.00 Location: 02-Sheriff's Date: 0.00         Status 0.00         Status 0.00 <td></td> <td></td> <td>442,40</td> <td>\$0.00</td> <td></td> <td></td> <td></td>			442,40	\$0.00					
S0.00         \$42.40         \$0.00         \$0.00         \$42.40           73: 2006 Ford Taurus         VIN: 1FAFP53226621047         License Plate: CB9-MID           Miles: 66,428.0         Miles: 66,428.0         No Meter: 0.0           No Meter: 0.0         No Meter: 0.0         No Meter: 0.0           Regall:         Campaign 90         Status         Department: 1251-Sherif's           VO.#         Department: 1201-Sherif's         Department: 1251-Sherif's         Date: 1267-Sherif's           VO.#         Department: 1201-Sherif's         Date: 10.0         No         Meter: 0.0           Bissidiance:         Classed         D.00         Accidual         Date: 10.0           Bissidiance:         Status         Dimentitie         Date: 10.0         Tate           Bissidiance:         Status         Dimentitie         Classed         D.00         Status           Missidiance:         Status         Status         Status         Dimentitie         Tate           Missidiance:         Status         Status         Status         Status         Status           Missidiance:         Status         Status         Status         Status         Status           Missidiancous Labor         Status         Status	Credit	\$0.00							
\$0.00         \$42.40         \$0.00         \$0.00         \$42.40           73: 2006 Ford Taurus         UN: (FAFP532662/1047         License Piste: CB9-M1D           Miles: 65,428.0         No Meter: 0.0         No Meter: 0.0           Recall:         Camping A         Department: 1251-Sheriff's           WO.#         Department: 1251/Sheriff's         Department: 1251-Sheriff's           WO.#         Department: 1251/Sheriff's         Department: 1251/Sheriff's           WO.#         Discounts         Earlie         Discounts           Status         Discounts         Status         Discounts           Status         Discounts         Status         Discounts           Status         Status         Discounts         Status           Status         Status         Discounts         Status           Micelishows Parts         Status         Discounts         Status           Micelishows Parts         Status         Status         Status           Micelishows Labor         Status         Status         Status           Other         Status         Status         Status         Status           Micelishows Labor         Status         Status         Status         Status <td< td=""><td>Other</td><td></td><td></td><td></td><td></td><td>\$0.00</td><td></td></td<>	Other					\$0.00			
Vice         Vice         FAPP5326621047         License Plate:         CB9-MID           73: 2086 Ford Taurus         Miles:         6,43.0         No Meter:         0.0           No Mater:         0.0         Location:         02.5         Department:         1251-Sheriff's           WO.#         Recall:         Companying // Companying									
Miles:         5/8.20         No. Meter:         0.0         No. Meter:         0.0           WO.#         Resalt:         Caration:         02.57.56478         Department:         125.15.86478           WO.#         Resalt:         Caration:         02.57.56478         Department:         125.15.86478           WO.#         Resalt:         Caration:         02.57.56478         Department:         125.15.86478           WO.#         Clear Date         Clear Date         Status         Department:         125.15.86478           11/12/2/2/14         Tit/12/2/2/14         Cleared         Date:         0.00         100.66           Biscalances Parts         \$92.66         \$17.00         \$0.00         \$109.60         \$109.60           Miscalances Labor         \$0.00         \$17.00         \$0.00         \$0.00         \$109.60           Other         \$0.00         \$17.00         \$0.00         \$2.76         \$0.00         \$0.00         \$2.70           WO.55.         Mainterance         \$2.76         \$0.00         \$0.00         \$2.70           Micelanceus Labor         \$0.00         \$0.00         \$0.00         \$2.70         \$0.00         \$2.70           Micelanceus Labor         \$0.00		\$0.00	\$42.40	\$0.00	\$0.00	\$0.00	\$42.40		
No Meter: 0.0         No Meter: 0.0         No Meter: 0.0           WO.8         Coarting of Status         Department: 1251-Sheriff's         Department: 1251-Sheriff's           11262/5         Tuth 22014         Coarting of Status         Diagentine         Acciding of Status           11262/5         Tuth 22014         Classen Date         Status         Diagentine         Acciding of Status           11262/5         Tuth 22014         Classen Date         Status         Diagentine         Acciding of Status           Bitadi         Diagentine         Status         Status         Other         Tigas         Gitadi           Bitadi         Diagentine Status         Status         Status         Other         Status         Other         Status           Missel aneous Parts         Status         Stat	73: 2006 Ford Taurus				License	Plate: C89-M	iD		
Lacation: 02/Sheiffs         Department: 121-SheiffS           WO.#         Desc Data         Close Data         Description #           11262/5         11/12/2014         11/12/2014         Status         Description #           11262/5         11/12/2014         University         Status         Description #           Data         Discounts         \$22.66         \$17.00         S0.00         \$109.60           MO025         Kright, Tarry (0.50)         \$17.00         \$0.00         \$109.60         \$109.60           MO025         Kright, Tarry (0.50)         \$17.00         \$0.00         \$10.00         \$109.60           Other         \$0.00         \$0.00         \$0.00         \$2.76         \$0.00         \$10.00           Other         \$0.00         \$0.00         \$0.00         \$2.70         \$0.00         \$2.70           SW202 ENG OL SYNTHETIC         \$2.76         \$0.00         \$0.00         \$0.00         \$2.70           Miccalianeous Parts         \$0.00         \$0.00         \$0.00         \$2.70         \$0.00         \$2.70           SW202 ENG OL SYNTHETIC         \$2.76         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00				B.O	at - 1	Motors 0.0			
Result         Campaign #         Date;           112625         Date Class Date         Status         Dimention         Accidual           112625         Date Class Date         Status         Downtine         Accidual           Data Class Date         Status         Downtine         Accidual           Data Class Date         Status         Downtine         Accidual           Data Class Date         Status         Dimention         Accidual           Data Class Date         Status         Dimention         Accidual           Data Class Date         Status         Status         Dimention         Accidual           Miscalaneous Parts         Status         Status         Status         Status         Status           Miscalaneous Labor         Status         St				eriffs			neriff's		
WO.8         Descent Data 11/12/2014         Cleaned Data 11/12/2014         Status Cleaned         Distantion 0.00         Cleaned         Distantion 0.00           Datail Electrical 36772 BATT (1.000)         Discounts \$22.66         Early \$17.00         Discounts \$0.00         Total \$0.00         Total \$0.00         Total \$109.60           MO053 - Khiph, Terry (0.50)         \$0.00         \$17.00         \$0.00         \$0.00           Other Parentive Maintenance         \$2.75         \$0.00         \$0.00         \$2.7           Sw20 ENG OL SYNTHETIC Sw20 ENG OL SW1HETIC Sw20 ENG OL SW20 ENG OL SW20 ENG ENG ENG ENG SW20 ENG OL SW20 ENG ENG ENG SW20 ENG OL SW20 ENG ENG SW20 ENG SW20 ENG ENG SW20 ENG SW20 ENG SW20 ENG ENG SW20 E		Recall: Can	npalgn#			Date:			
Table         Discounts         Partie         Labor         Tiona         Other         Table           Elset/cal         35972         5477(1.000)         \$92.66         \$17.00         \$0.00         \$193.66           Micsolaneous Parts         \$0.00         \$17.00         \$0.00         \$1000         \$1000           Micsolaneous Parts         \$0.00         \$17.00         \$0.00         \$1000         \$1000           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$2.75           Paramitive Maintenance         \$2.76         \$0.00         \$0.00         \$2.7           Mod3 - Knight, Tenry (0.00)         \$0.00         \$0.00         \$2.7           Mod3 - Knight, Tenry (0.00)         \$0.00         \$0.00         \$2.7           Mod3 - Knight, Tenry (0.00)         \$0.00         \$0.00         \$0.00           Mod3 - Knight, Tenry (0.00)         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00					Downtime	Acc	Ident		
International         Signature	112625	2/2014 11/12/20	214	csed	0.00				
Enternative Matrix (L000)         \$92,86         Concernation           3Recalamous Parts         \$0.00           Micedianous Labor         \$0.00           Micedianous Labor         \$0.00           Other         \$0.00           Swize File OLIS PWTHETIC         \$2,78           Swize File OLIS PWTHETIC         \$2,78           Swize File OLIS PWTHETIC         \$2,78           Miscelianous Parts         \$0.00           Miscelianous Parts         \$0.00           Miscelianous Parts         \$0.00           Credit         \$0.00           Other         \$0.00		Discounts			Tires		Tolal		
M003 - Kright, Tarry (0.50)         \$17.00           Migcalianeous Labor         \$0.00           Credit         \$0.00           Other         \$0.00           Preventive Maintenance         \$2,76           Sw20: FLO: OLL SYNTHETIC         \$2,78           Miscalianeous Parts         \$0.00           Miscalianeous Parts         \$0.00           Miscalianeous Parts         \$0.00           Miscalianeous Parts         \$0.00           Credit         \$0.00           Credit         \$0.00	36R72 BATT (1.000		\$92.66	\$17.00		\$0.00	9109-00		
Miccollaneous Labor         \$0.00           Credit         \$0.00           Other         \$0.00           Parwantike Maintenance         \$2,76           Jobert         \$0.00           SW202 ENG OL SYNTHETIC         \$2,76           Ibend (1000)         \$0.00           Miccollaneous Paris         \$0.00           M0053 - Khalpi, Terry (0.00)         \$0.00           Credit         \$0.00           Other         \$0.00           Other         \$0.00           Other         \$0.00		(0.50)	90 UU	\$17.00					
Other         \$0.00         \$0.00         \$2.76         \$0.00         \$2.77           Favewritive Maintenance         \$2.76         \$0.00         \$2.71           SW202: ENG OL SYNTEETIC         \$2.76         \$0.00         \$2.71           Miscelianeous Parts         \$0.00         \$0.00         \$2.71           Miscelianeous Parts         \$0.00         \$0.00         \$0.00           Miscelianeous Labor         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00	Miscellaneous Labo			\$0.00					
Preventitive Maintenance         \$2,78         \$0,00         \$0,00         \$2,7           Swr20 FLNG OLL SYNTHETIC         \$2,76         \$0,00         \$2,7           Miscelaneous Parts         \$0,00         \$0,00         \$2,7           Miscelaneous Parts         \$0,00         \$0,00         \$0,00           Miscelaneous Parts         \$0,00         \$0,00         \$0,00           Cradit         \$0,00         \$0,00         \$0,00           Other         \$0,00         \$0,00         \$0,00		\$0.00				80.00			
SW202 ENG OIL SYNTHETIC         \$2,78           Uend (1000)         S0.00           Miscelianeous Parts         \$0,00           M0053 - Khigh, Terry (0,0)         \$0,00           Miscelianeous Labor         \$0,00           Credit         \$0,00           Other         \$0,00	Other		62 79	\$0.00			\$2.78		
Miscellaneous Parts         \$0.00           M0005 - Khalpi, Terry (0.00)         \$0.00           Miscollaneous Labor         \$0.00           Credil         \$0.00           Other         \$0.00	5W20: ENG OIL SY			40100		40100			
M0053 - Krulghi, Terry (0.00)         \$0.00           Miscellaneous Labor         \$0.00           Credit         \$0.00           Other         \$0.00	Miscellaneous Parts		\$0.00						
Credii \$0.00 \$0.00 Other \$0.00	M0053 - Knighl, Ter	(0,00)							
Other \$0,00		\$0.00		20,00					
\$0.00 \$95.44 \$17.00 \$0.00 \$0.00 <u>\$112.4</u>		<i>4</i> 0.00				\$0.00			
		\$0.00	\$95.44	\$17,00	\$0.00	\$0,00	\$112.44		
		20.00	100	*					

'473; 2006 Ford Taurus		VIN: 1FAFP53256A21047 Miles: 88,072,0 No Meter: 0.0 Locetion: 02-Sheriffs			No Meter: 0,0 Department: 1251-Sheriff's		
	Recall;	Campa	lgn #			ale;	
WO#	Open Data	Close Date	Sta	lun	Downtime	Acci	dent
113467	03/16/2015	03/16/2015	Clo	sed	0.00		
	D. soule the elit	warno					
Detall	Description: V	Requints	Parts	Labor	Tires	Other	Total
Wipers		accounting.	\$10.40	\$5.80		\$0.00	\$17.20
	ONTOUR (1.000)		\$5.40			•	
			\$5.00				
	ONTOUR WIPER		40.00				
BLADE (1.0			\$0.00				
Miscellaneo			\$0.00	\$6.80			
M0053 - Knight, Terry (0.20) Miscellaneous Labor				\$0.00			
	us Labor	eo oo		\$0.0U			
Credit		\$0.00				\$0.00	
Other						40.00	
		\$0.00	\$10.40	\$6.80	\$0.00	\$0.00	<u>\$17.2</u> 0
				53256A21047	10.000 m	ate: CB9-M1	
473: 2006 Ford T	aurus				Ficense 5	Res: ODB-WI	U U
			llos: 90,198	.0			
			nter: 0.0			ter: 0,0	
			lon: 02-She	arin s		ent: 1251-Sh	eriff's
	Recall:	Campa				ale:	10.00
WO #	Open Date	Close Data		tus	Downtime	Acci	funt
114124	07/13/2015	07/13/2015	Clo	ised	0.00		
	Description: A		COONT DO	AVEC BODY			
Detail		lacounta	Paris	Labor	Tiras	Other	Total
	¥	and the second sec	C AUGA	Laura		<u>Contact</u>	
Service A			\$0.00	\$0.00		\$0.00	\$0.00
Light Check				20.00		40.00	40.00
Miscellaneo			\$0.00	80.00			
Miscellaneo	us Labor			\$0,00			
Credit		\$0.00				\$0.00	
Other							
Lube, OII & Fil			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous Parts			\$0.00				
Miscellaneo	us Labor			\$0.00			
		\$0.00					
Credit						SO 00	
Credit Other			\$0.00	\$0.00		\$0.00	\$0.00
Other Tire Rolation	us Parts		\$0.00				
Other				\$0.00			
Other Tire Rotation Miscellaneo Miscellaneo		\$0.00					
Other Tire Rotation Miscellaneo		\$0.00				\$0.00	
Other Tire Rotation Miscellaneo Miscellaneo Credit Other		\$0.00				\$0.00	
Other Tire Rotation Miscellaneo Gredit Other Service B	us Labor	\$0.00	\$0.00			\$0.00 \$0.00	\$164.35
Other Tire Rolation Miscellaneo Miscellaneo Credit Other Service B Replace Fuel I	us Labor Filler	\$0.00	\$0.00 \$130.35	\$0.00			\$164.35
Other Tire Rotation Miscellaneo Credit Other Service B Replace Fuel I FG1060: Ft	us Labor Filler JEL FILTER (1.000)	\$0.00	\$0.00 \$130.35 \$5.67	\$0.00			\$164.35
Other Tire Rotation Miscellaneo Credit Other Service B Replace Fuel 1 FG1060: Ft 44K: (NJ CL	riller JEL FILTER (1.000) EANER (1.000)	\$0.00	\$0.00 \$130.35 \$5.67 \$16.00	\$0.00			\$164.35
Other Tire Rolation Miscellaneo Credit Other Service B Replace Fuel I FG1060: Ft 44K: INJ CL 4F129S278	us Labor Filler JEL FILTER (1.000)	\$0,00	\$0.00 \$130.35 \$5.67	\$0.00			\$164.35
Other Tire Rotation Miscellaneo Credit Other Service B Replace Fuel I FG1060: FL 44K: (NJ CL 4F129S278 (1,000)	us Labor Filler JEL FILTER (1.000) EANER (1.000) AA TUBE ASY	\$0.00	\$0.00 \$130.35 \$5.67 \$16.00 \$102.32	\$0.00			\$164.35
Other Tire Rotation Miscellaneo Credit Other Service B Replace Fuel J FG1060: FL 44K: INJ CL 44 F129S278 (1,000) 2F129A317	riller Filler (1.000) EL FILTER (1.000) EANER (1.000) AA TUBE ASY AA CLIP (1.000)	\$0.00	\$0.00 \$130.35 \$5.67 \$16.00 \$102.32 \$6.38	\$0.00			\$164.35
Other Tire Rotation Miscellaneo Miscellaneo Credit Other Service B Replace Fuel 1 FG1060: FL 41X: INJ CL 4F1292278 (1.000) 2F129A317 Miscellaneo	riller JEL FILTER (1.000) EANER (1.000) AA TUBE ASY AA CLIP (1.000) kup Parts	\$0.00	\$0.00 \$130.35 \$5.67 \$16.00 \$102.32	\$0.00 \$34.00			\$164.35
Other Tire Rotation Miscellaneo Credit Other Service B Replace Fuel I FG1080: FL 44K: INJ CL 471295278 (1000) 2F129A317 Miscellaneo M0053 - Kn	Filter JEL FILTER (1.000) .EANER (1.000) AA TUBE ASY AA CLIP (1.000) kis Parts joh, Terry (1.00)	\$0.00	\$0.00 \$130.35 \$5.67 \$16.00 \$102.32 \$6.38	\$0 00 \$34.00 \$34.00			\$164.35
Ölher Tire Rolstion Miscellaneo Miscellaneo Credit Olher Service B Replace Fuel J FG1080: FL 44K: (NJ CL 4F1295278 (1000) 2F129A317 Miscellaneo M0053 - Kn	Filter JEL FILTER (1.000) .EANER (1.000) AA TUBE ASY AA CLIP (1.000) kis Parts joh, Terry (1.00)		\$0.00 \$130.35 \$5.67 \$16.00 \$102.32 \$6.38	\$0.00 \$34.00			\$164.35
Ölher Tire Rolston Miscellaneo Credit Olher Service B Replace Fuel I Replace Fuel I 44K: INJ CL 4F 1295278 (1.000) 2F 129A317 Miscellaneo Credit	Filter JEL FILTER (1.000) .EANER (1.000) AA TUBE ASY AA CLIP (1.000) kis Parts joh, Terry (1.00)	\$0.00 \$0.00	\$0.00 \$130.35 \$5.67 \$16.00 \$102.32 \$6.38	\$0 00 \$34.00 \$34.00		\$0.00	\$164.35
Ölher Tire Rolstion Miscellaneo Miscellaneo Credit Olher Service B Replace Fuel J FG1080: FL 44K: (NJ CL 4F1295278 (1000) 2F129A317 Miscellaneo M0053 - Kn	Filter JEL FILTER (1.000) .EANER (1.000) AA TUBE ASY AA CLIP (1.000) kis Parts joh, Terry (1.00)		\$0.00 \$130.35 \$5.67 \$16.00 \$102.32 \$6.38	\$0 00 \$34.00 \$34.00			\$164.35

				Wo	ork Ord	er Detai
Service C						
Change Transmission Fluid		\$5,89	\$3,40		\$0,00	\$9 29
60902E: LUBE GAURD (1,000)		\$5.89				
Miscellaneous Parts		\$0.00				
M0053 - Knighl, Terry (0.10)			\$3.40			
Miscellaneous Labor			\$0,00			
Credil	\$0.00					
Other					\$0.00	
Light Check		\$0.00	\$17,00		\$0.00	\$17.00
Miscellaneous Parts		\$0.00				
M0053 - Knight, Terry (0.50)			\$17.00			
Miscellaneous Labor			\$0.00			
Credil	\$0.00				\$0.00	
Other					\$0.00	\$40.95
Lube, Oil & Filter		\$23.95	\$17.00		\$0.00	340.93
5W20: ENG OIL SYNTHETIC		\$13,95				
blend (5.000)						
OF20195: LUBE FILTER		\$1,78				
(1,000)						
DRUM GREASE: DRUM		\$0.85				
GREASE SUPER (\$ 000)						
Shop supplies: Shop supplies		\$2.65				
(1.000)						
AF8997: AIR FILTER (1 000)		\$4.72				
Miscellaneous Parts		\$0.00	847.00			
M0053 - Knight, Terry (0.50)			\$17.00			
Miscellaneous Labor			\$0.00			
Credit	\$0.00				\$0.00	
Other			448.40		\$0.00	\$13.60
Tire Rotation		\$0.00	\$13.60		\$0.00	913.00
Miscellaneous Parts		\$0.00	\$13.60			
M0053 - Knight, Terry (0.40)			\$0.00			
Miscellaneous Labor	\$0.00		\$0 0U			
Credil Other	\$0.00				\$0.00	
BOOY REPAIR		\$154.80	\$17.00		\$0,00	\$171,80
1Z54018A16BAA COWL		\$79.04				
COVERS (1.000)						
4F1Z54018A17AAA COWL		\$75,76				
COVERS (1.000)						
Miscellaneous Parte		\$0.00				
M0053 - Knight, Terry (0.50)			\$17,00			
Miscellaneous Labor			\$0,00			
Credit	\$0,00					
Other					\$0.00	
BRAKES		\$102.57	\$34,00		\$0.00	\$135.67
PXD598H FRONT PADS		\$45.89				
(1.000)						
YH145050 FRONT ROTORS		\$56,68				
(2.000)						
Miscellaneous Parts		\$0.00				
M0053 - Knight, Terry (1.00)			\$34.00			
Miscellaneous Labor			\$0.00			
Credit	\$0,00					
Other					\$0.00	\$27.71
Preventive Maintenance		\$10.71	\$17.00		\$0.00	341-11
CF1006; CAB AIR FILTER		\$10.71				
(1,000)						
Miscellaneous Parts		\$0,00				
M0053 - Knight, Terry (0.50)			\$17.00			
Miscellaneous Labor			\$0.00			

Credit.	11.0	\$0.00					
Olher						\$0,00	F40.30
Road Test			\$0.00	\$10.20		\$0.00	\$10.20
Miscellaneo			\$0.00				
	ight, Terry (0.30)			\$10.20			
Miscellaneo	us Labor			\$0.00			
Ciedil		\$0.00					
Oher						\$0.00	
		\$0.00	\$428,27	\$163.20	\$0.00	\$0.00	\$591.47
7471: 2006 Ford 1	atimis		VIN: 1FAFP	53256A21047	License P	late: CB9-	MHD .
1413. 2000 1 010 1			Miles: 93.270	0.0			
		No	Meter: 0.0			eter: 0.0	
			cation: 02-Shi	ariff's	Departin	ent: 1251-	Sheriff's
	Racall:		naign #			Dale:	
WOR	Open Date	Close Da		atus	Downtime	A	coldent
138221	01/06/2016	01/00/201		osed	0.00		
	Description: 1	AVI.					
Detail	D Constanting	Iscounts	Parts	Labor	Tires	Other	Total
Safety Impec			\$0.00	\$17.00	-	\$0,00	\$17,00
Mincollarios			\$0.00				
M0051 - Kr	lght, Terry (0.50)		- 3100	\$17.00			
Miscellaneo	us Lahor			\$0.00			
Credit	ds Ladoi	\$0.00					
Olber		40.00				\$0.00	
Other							
		\$0.00	\$0.00	\$17.00	\$0,00	\$0,00	517.00
7473: 2006 Ford 1	Cauca ua		VIN: 1FAFE	953256A21047	License P	late: CB9-I	MID
1413. 2000 1010			Miles: 93,550				
		No	Meter: 0.0			eter: 0.0	
			oution: 02-Sh	oriff's -	Departm	ient: 1251-	-Sheriff's
	Recall:	Cam	palgn #		· .	Date:	
WO #	Open Date	Close Da		alus	Downlime	A	ccident
138354	01/28/2016	01/28/201	6 Ck	baed	0.00		
		NTAKE GAS	KETS				
		lucaunta	Parts	Labor	Tires	Other	Total
Detail	0			\$136.00		\$0.00	\$186,46
Cooling Syste	m		\$50,46			*	
Cooling Syste	0		\$50,46				
Cooling Syste DEXCOOL (1.000)	M ANTIFREEZE		\$4.76				
Cooling Syste DEXCOOL (1.000)	m	<u></u>	\$4.76 \$19.74				
Cooling Syste DEXCOOL (1 000) MS95372-1 MG-109 G/	IM ANTIFREEZE I GASKET (1.000) ASKET (1.000)		\$4.76 \$19.74 \$0.23				
Cooling Syste DEXCOOL (1.000) MS95372-1 MG-109 G/ 82180 SILI	M : ANTIFREEZE I GASKET (1.000) ASKET (1.000) CONE (1.000)		\$4.76 \$19.74 \$0.23 \$6.18				
Cooling Syste DEXCOOL (1,000) MS95372-1 MG-109 G/ 82160 SILI 3839 THEF	IM ANTIFREEZE I GASKET (1.000) ASKET (1.000) CONE (1.000) KMOSTAT (1.000)		\$4.76 \$19.74 \$0.23 \$6.18 \$3.24				
Cooling Syste DEXCOOL (1.000) MS95372-1 MG-109 G/ 82180 SILI 3839 THEF V950374R	M : ANTIFREEZE I GASKET (1.000) ASKET (1.000) CONE (1.000)		\$4.76 \$19.74 \$0.23 \$6.18			•	
Cooling Syste DEXCOOL (1,000) MS95372-1 MG-109 G/ 82160 SILJ 3839 THEF V950374R (1,000)	IM ANTIFREEZE I GASKET (1 000) ASKET (1 000) CONE (1 000) CONE (1 000) WAGSTAT (1 000) V/C GASKETS		\$4.76 \$19.74 \$0.23 \$6.18 \$3.24 \$10.31				
Cooling Syste DEXCOOL (1.000) MS95372	IM ANTIFREEZE I GASKET (1.000) ASKET (1.000) CONE (1.000) W/C GASKETS Dus Parts		\$4.76 \$19.74 \$0.23 \$6.18 \$3.24				
Cooling Syste DEXCOOL (1,000) MS95372-1 MG-109 G, 82180 SIU 3839 THEF V950374R (1,000) Miscellane M0053 - Kr	ANTIFREEZE I GASKET (1.000) ASKET (1.000) CONE (1.000) MOSTAT (1.000) V/C GASKETS Dus Parts ight, Terry (4.00)		\$4.76 \$19.74 \$0.23 \$6.18 \$3.24 \$10.31	\$136,00			
Cooling Syste DEXCODL (1.000) MS95372- MG-108 G, 82160 StU 3839 THEF V950374R (1.000) Miscellane M0053 - Kt Miscellane	ANTIFREEZE I GASKET (1.000) ASKET (1.000) CONE (1.000) MOSTAT (1.000) V/C GASKETS Dus Parts ight, Terry (4.00)		\$4.76 \$19.74 \$0.23 \$6.18 \$3.24 \$10.31	\$136,00 \$0,00			
Cooling Syste DEXCOOL (1.000) MS95372-1 MG-109 G, 82180 SILE 935374R (1.000) Miscellane M0053 - Ki Miscellane Credil	ANTIFREEZE I GASKET (1.000) ASKET (1.000) CONE (1.000) MOSTAT (1.000) V/C GASKETS Dus Parts ight, Terry (4.00)	\$0.00	\$4.76 \$19.74 \$0.23 \$6.18 \$3.24 \$10.31				
Cooling Syste DEXCOOL (1,000) MS95372- MG-109 Gi 82160 SILI 3839 THEF V950374R (1,000) Miscellanet Credil Oliver	ANTIFREEZE I GASKET (1.000) ASKET (1.000) CONE (1.000) MOSTAT (1.000) V/C GASKETS Dus Parts ight, Terry (4.00)		\$4.76 \$19.74 \$0.23 \$6.18 \$3.24 \$19.31 \$0.00	\$0.00		\$0.00	
Cooling Syste DEXCOOL (1.000) MS95372-1 MG-109 G, 82180 StU 3839 THEF V950374R (1.000) Miscellane Credil Oliver Road Test	Im ANTIFREEZE IGASKET (1.000) CONE (1.000) CONE (1.000) CONE (1.000) V/C GASKETS Dus Parts Dus Parts Dus Parts Labor		\$4.76 \$19,74 \$0.23 \$6.18 \$3.24 \$18.31 \$0.00 \$0.00				\$10.20
Cooling Syste DEXCOOL (1,000) MS35372-1 MG-108 G, 82160 SILU 3839 THEF V950374R (1,000) Miscellane Credil Oliver Road Test Miscellane	III ANTIFREEZE I GASKET (1.000) SKET (1.000) CONE (1.000) CONE (1.000) WC GASKETS NUGSTAT (1.000) WC GASKETS NUGSTAT (1.000) NUG BATS		\$4.76 \$19.74 \$0.23 \$6.18 \$3.24 \$19.31 \$0.00	\$0.00		\$0.00	
Cooling Syste DEXCOOL (1.000) MISS5372-1 MG-109 G, 82180 SUL 933 THEF V950374R (1.000) MIscelane M055 - K, Miscelane Credit Other Road Test Miscelane M0053 - K	IM ANTIFREEZE IGASKET (1.000) CONE (1.000) CONE (1.000) CONE (1.000) V/C GASKETS Dus Parts Jight, Terry (4.00) Dus Labor Dus Parts Dus Parts		\$4.76 \$19,74 \$0.23 \$6.18 \$3.24 \$18.31 \$0.00 \$0.00	\$0.00 \$10.20 \$10.20		\$0.00	
Colling System DEXCOOL (1.000) MS95372- MG-109 G, 82160 SUI 9353 THEF V950374K (1.000) MIscellane Credit Oliver Road Test Miscellane M0053 - K Miscellane M0053 - K Miscellane	IM ANTIFREEZE IGASKET (1.000) CONE (1.000) CONE (1.000) CONE (1.000) V/C GASKETS Dus Parts Jight, Terry (4.00) Dus Labor Dus Parts Dus Parts	\$0.00	\$4.76 \$19,74 \$0.23 \$6.18 \$3.24 \$18.31 \$0.00 \$0.00	\$0.00		\$0.00	
Cooling System           DEXCOOL           (1 000)           MS95372-           MG-108 (G.           82180 SILI           3839 THEF           V350374R           V350374R           MIScellarme           M0053 - Kr           Miscellarme           College           College           College           College           Miscellarme           Credit           Other           Miscellarme           Mo033 - Kr           Miscellarme           Mo33 - Kr           Miscellarme           Credit           Miscellarme           Miscellarme           Miscellarme           Miscellarme           Miscellarme           Codd           Miscellarme           Credit	IM ANTIFREEZE IGASKET (1.000) CONE (1.000) CONE (1.000) CONE (1.000) V/C GASKETS Dus Parts Jight, Terry (4.00) Dus Labor Dus Parts Dus Parts		\$4.76 \$19,74 \$0.23 \$6.18 \$3.24 \$18.31 \$0.00 \$0.00	\$0.00 \$10.20 \$10.20		\$0.00 \$0.00	
Colling System DEXCOOL (1.000) MS95372- MG-109 G, 82160 SUI 9353 THEF V950374K (1.000) MIscellane Credit Oliver Road Test Miscellane M0053 - K Miscellane M0053 - K Miscellane	IM ANTIFREEZE IGASKET (1.000) CONE (1.000) CONE (1.000) CONE (1.000) V/C GASKETS Dus Parts Jight, Terry (4.00) Dus Labor Dus Parts Dus Parts	\$0.00	\$4.76 \$19,74 \$0.23 \$6.18 \$3.24 \$18.31 \$0.00 \$0.00	\$0.00 \$10.20 \$10.20		\$0.00	
Cooling System           DEXCOOL           (1 000)           MS95372-           MG-108 (G.           82180 SILI           3839 THEF           V350374R           V350374R           MIScellarme           M0053 - Kr           Miscellarme           College           College           College           College           Miscellarme           Credit           Other           Miscellarme           Mo033 - Kr           Miscellarme           Mo33 - Kr           Miscellarme           Credit           Miscellarme           Miscellarme           Miscellarme           Miscellarme           Miscellarme           Codd           Miscellarme           Credit	IM ANTIFREEZE IGASKET (1.000) CONE (1.000) CONE (1.000) CONE (1.000) V/C GASKETS Dus Parts Jight, Terry (4.00) Dus Labor Dus Parts Dus Parts	\$0.00	\$4.76 \$19,74 \$0.23 \$6.18 \$3.24 \$18.31 \$0.00 \$0.00	\$0.00 \$10.20 \$10.20		\$0.00 \$0.00	
Cooling 5 year           VEX.COOL           VEX.COOL           MS 95372-           MG-108 (G.           82160 SIL           3839 THEF           V950374R           (1.000)           Miscellarre           M0033 - Kr           Miscellarre           Credit           Other           Credit           Miscellarre           Miscellarre           Credit           Miscellarre           Miscellarre           Credit	IM ANTIFREEZE IGASKET (1.000) CONE (1.000) CONE (1.000) CONE (1.000) V/C GASKETS Dus Parts Jight, Terry (4.00) Dus Labor Dus Parts Dus Parts	\$0.00	\$4.76 \$19,74 \$0.23 \$6.18 \$3.24 \$18.31 \$0.00 \$0.00	\$0.00 \$10.20 \$10.20		\$0.00 \$0.00	

	External WO:	Ven	dor: 133 -	SHERIFF		Inv#: 177668	
WOs	Open Data	Ctose Date	51	etus	Downtima		dent
139290	05/15/2016	08/15/2016	ĉi	osed	0.00		
	Description: F				1 <u></u>		Shiniyee
Detail	D	lacounts	Parta	Labor	<u>TITAE</u>	Other	Tota
		\$0.00	\$0.00	\$0.00	\$428.71	\$0.00	<u>\$428.7</u>
73; 2006 Ford Ta	urus			P53256A21047	License F	late; CB9-M1	D
			lles: 98,59. ster: 0.0	2.0	No N	later: 0.0	
			ter: 0.0	and the		nent: 1251-Sh	alifis
	Recall	Campa		No. of the		Dale:	lovill o
WOM	Open Date	Close Date		atus	Downtime	Acc	dent
140360	03/23/2017	03/23/2017	CI	osed	0.00		
	Description; v				-	Other	Tota
Detail	D	iscounia	Parts 50.00	Labor \$10.20	Tires	\$0.00	\$10.2
Electrical	0.4		\$0.00	\$10.20		40.00	410.4
Miscellaneou M0053 - Knir	ahi, Terry (0.30)		\$0.00	\$10.20			
	Labor Comments: C	dean batt cable	s				
Miscellaneou	is Labor			\$0.00			
Credit		\$0.00				\$0.00	
Other Preventive Mal			\$4.14	\$0.00		\$0.00	\$4,1
5W20 SYN:			\$4,14	*0100			
ENGINE OIL			•				
Miscellaneou	is Parts		\$0.00				
	phi, Terry (0.00)			\$0.00 \$0.00			
Miscellaneou Credit	is Labor	Sú UO		\$0.00			
Other		30.00				\$0.00	
Wipers			\$10.35	\$6,80		\$0.00	\$17.1
	ONTOUR WIPER		\$4.95				
BLADE (1.00							
	ONTOUR (1.000)		\$5.40 \$0.00				
Miscellaneou	s Pans phi, Terry (0.20)		40.00	\$6.80			
Miscellaneou				\$0.00			
Credil		\$0.00					
Olher						\$0.00	
		\$0.00	\$14.49	\$17.00	\$0.00	\$0,00	<u>531.4</u>
473: 2006 Ford Ta	លាបខ		VIN: 1FAF	P53256A21047	License	Plate: CB9-M1	iD
			eter: 0.0	02.0	No N	feter: 0.0	
		Loca	llon: 02-St	eriff's		ment: 1251-St	heriff's
ille a	Recall:	Campa Close Date		latus	Downtime	Date:	Ident
WO.# 140915	Open Date 08/29/2017	08/29/2017		losed	0.00	044	
	Description:	BRAKES					_
Detail	0	liscounte	Parts	Labor	Tires	Other	<u>Tot</u> \$139.1
BRAKES NMC90113 ( (1.000)	MASTER CYL		\$88.19 \$76.39	\$51.00		\$D:00	\$139 <u>1</u>

#### Work Order Detail

138646 OS. Datall BOD YEAR BOD YEAR Victorial Miscellaneous Parta MOS3 - Kniph, Terr Miscellaneous Labor Credit Other 7473: 2005 Ford Taurus WOLE OC	-2.6	1000		53256A21047	License	Plate: CB9-M1	'n		
138646 OSJ Datall BODY (REPAIR 740-756 windowr g 1/000) m. windowr Miscellencous Parts Miscellencous Parts Miscellencous Parts Miscellencous Parts Viral 139291 OB Datall Sarvice A Light Check Miscellencous Parts	473: 2006 Ford Taurus		VIN: 1FAFP53256A21047 Miles: 94,862.0 No Meter: 0.0			License Plate: CB9-M1D No Mater: 0.0			
138646 OSJ Datall BODY REPAIR 740-756 windowr g 1,000] windowr Wiscellencous Parts Miscellencous Parts Miscellencous Parts Wind there 7473: 2006 Ford Taurus Wind there Sarvice A Light Check Miscellencous Parts				100-		Aeter: 0.0 ment: 1251-Sh	oriffe		
138648 OSJ Datall BOD YEPAJR 710-756 windowr g 170-756 windowr g 170-756 windowr g 170-756 windowr g 17003 - Knight, Terr Misceilanoous Parts Wind H 139291 OB Datall Sarvice A Light Check Misceilaneous Parts	Recall:	Camp	illon: 02-Sh	euu e		Dale:	lorin a		
138646 OSJ Datall BODY REPAIR 740-756 windowr g 1,000] windowr Wiscellencous Parts Miscellencous Parts Miscellencous Parts Wind there 7473: 2006 Ford Taurus Wind there Sarvice A Light Check Miscellencous Parts	in Date	Close Date	St St	atus	Downtime		dent		
BODY REPAIR           740-756 window reg wim 103rm window m (1.000)           Miscellanoous Parta w0053 - Knight, Terr holdsa - Knight, Terr credit other           WDLW           WDLW           Q055 Ford Taurus           WDLW         Q0 Datall Sarvice A Light Check Miscellaneous Parts	/13/2016	05/13/2016	CI	osed	0.00				
BODY REPAIR           740-756 window reg wim 103rm window m (1.000)           Miscellanoous Parta w0053 - Knight, Terr holdsa - Knight, Terr credit other           WDLW           WDLW           Q055 Ford Taurus           WDLW         Q0 Datall Sarvice A Light Check Miscellaneous Parts	Description; If					1.0			
740-765 window reg wim 103 window m (1,000) Miscellanous Parts M0053 - Knight, Terr Miscellanous Labor Credit Other 7473: 2006 Ford Taurus <u>WD it</u> 139291 08 Datali Sarvice A Light Check Miscellanous Parts	0	scounts	Parts \$105.02	Labor \$37.40	Tires	Other \$0.00	Total \$142.42		
wim 103m window m (1.000) Miscellencous Parts M0035 - Knipht, Terr Miscellencous Parts Other 7473: 2008 Ford Taurus Win # 139291 08 Datalis Sardica A Light Check Miscellencous Parts	(1.000)		\$32.99	\$31.40		40,00			
(1.000) Miscellanous Parta M0053 - Kniphi, Terr Miscellanous Labor Credit Other 7473: 2006 Ford Taurus Win M 139261 08 Datali Sarvice A Light Check Miscellanous Parte			\$72.03						
M0053 - Kniph, Terr Miscellanous Labor Credit Other 7473: 2006 Ford Taurus <u>Win M</u> 139291 08 Datall Sarvice A Light Check Miscellanous Parte									
Miscellaneou's Labor Credit Other 7473: 2006 Ford Taurus <u>WD JI</u> Dr 139291 08 Datall Sarvice A Light Check Miscelaneous Parte			\$0.00						
Credit Other 7473: 2006 Ford Taurus Win W Gir 139291 08 Datall Sarvice A Light Check Miscelancus Parts	y (1.10)			\$37.40					
Other 7473: 2006 Ford Taurus <u>WD 21 Dr</u> 139291 D6 Datall Sorvice A Light Check Miscelanceus Parte	r			\$0.00					
YC # Or 132291 OB Datal Sarrice A Light Check Miscelances Parts		\$0.00				\$0.00			
WD # Dr 19291 08 Deiall Service A Light Check Miscellaneous Parts									
WD # Dr 19291 08 Deiall Service A Light Check Miscellaneous Parts		\$0.00	\$105.02	\$37.40	\$0.00	\$0.00	\$142.42		
WD # Dr 139291 08 Datall Service A Light Check Miscellaneous Parts			VIN: 1FAF Miles: 96,07	P53256A21047 0.0	License	Plate; CB3-M1	iD.		
WD # Dr 139291 08 Datall Service A Light Check Miscellaneous Parts		Not	Autor: 0.0			Mater: 0.0			
WD # Dr 139291 08 Datall Service A Light Check Miscellaneous Parts			ation: 02-St	HERE BELLEVILLE	Depart	mont) 1251-Si	herdTs		
WD # Dr 139291 08 Datall Service A Light Check Miscellaneous Parts	Recall;		aign #	10 CO 10 CO 10 CO		Dates			
139291 08 Datall Service A Light Check Miscellaneous Parts	External WO:	V	ndor: 132 -	SHERIFF OIL		Inv#: 177593 PO#:			
Service A Light Check Miscellaneous Parts	Den Dale //12/2016	Ciose Dat 09/12/2016		latus loged	Downtime 0.00	t Acc	idant		
Service A Light Check Miscellaneous Parts	- 16	incounte	Parts	Labor	Tires	Other	Total		
Light Check Miscellaneous Parts		COLUMN AND A	s.dtian	Province.		CONTRACTOR OF			
Miscellaneous Parts			\$9.00	\$0.00		\$0,00	\$0.00		
Miscellaneous Labor			\$0.00						
	r			\$0.00					
Credil		\$0.00				\$0.00			
Other Lube, Oll & Filter			\$22.50	\$0.00		\$0.00	\$22.50		
Miscellaneous Parts			\$22.50	40.00					
Miscellaneous Labo			444.00	\$0.00					
Credit		\$0.00							
Other			** **	F0.00		\$0.00	\$0.00		
Tire Rotation			\$0,00 \$0,02	\$0.00		\$0.00	\$0.00		
Miscellaneous Parts Miscellaneous Lebo			40.00	\$0.00					
Credil		\$0.00							
Olher						S0.00			
		\$0,00	\$22,50	\$0.00	\$0.00	\$0.00	\$22.50		
7473: 2006 Ford Taurus			Miles: 96,08	P53256A21047 0 0		Plate: CB9-M	10		
			Meter: 0.0			Meter: 0.0	h a silf a		
	Recall:		ation: D2-Si algn #	ายาสาร	Depar	lment: 1251-S Dale:	nem s		
							Page 27 of 2		

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		No N	tion: 02-S	200	No	Meter: 0.0 Imeni: 1251-S		
reis, zooo roid laulus			Alles: 101.					
473: 2006 Ford Taurus			VIN: 1FAF	P\$3256A21047	License	Plate: CB9-M	1D	
		\$0.00	\$602.54	\$214.20	\$0.00	\$0.00	\$818.74	
Olher						\$0.00		
Miscellaneous Labor Credit		\$0.00		40.00				
M0053 - Knighi, Terry (2	00)			\$68.00 \$0.00				
Miscellaneous Parts			\$0.00					
K8687 BALL JOINTS (2	000)		\$107.88					
Suspension			\$107.88	\$68.00		\$0.00	\$175,88	
Credil Other		\$0.0U				\$0.00		
Miscellaneous Labor		\$0.00		\$0.00				
M0053 - Knight, Terry (4	(00)			\$136.00				
Miscellaneous Parts			\$0.00					
171616 STRUTS (2 000)			\$219.28					
171615 STRUTS (2.000)			\$275.38	• • • • • • • • •				
Other Suspension			\$494.66	\$136.00		\$0.00	\$630.66	
Credit		\$0,00				\$0.00		
Miscellaneous Labor				\$0.00				
M0053 - Knight, Terry (0.	30)			\$10.20				
Miscellaneous Parts			\$0.00			<i>z</i>		
Road Test	μ		\$0.00	\$10,20		\$0.00	\$10.20	
Detail	Composed 1	iscounts	Paris	Labor	Tires	Other	Total	
		HONT BALL	IOINTS/STE	RUTS/REAR STR	UTS			
WD # Open J 140936 09/06/2		Close Data 09/06/2017		latus losed	Downtime 0.00	Acc		
100 million (1997)	Recall:	Campa					dent	
		Loca	tion: 02-St	aThre	Department: 1251-Sheriff's Date:			
		No M	eter: 0.0		No Motor: 0.0			
473: 2006 Ford Taurus			iles: 100,6		C1041180		-	
	1.12			P53256A21047	Ücensel	Plate: CB9-M1	0	
		\$0.00	\$88.19	\$61,20	\$0.00	\$0,00	\$149.39	
Other						40.00		
Credit		\$0.00				\$0.00		
Miscellaneous Labor				\$0,00				
M0053 - Knight, Terry (0.3	(0)			\$10,20				
Miscellaneous Parts			\$0.00					
Road Test			\$0.00	\$10.20		\$0.00	\$10.20	
Olber		40 00				\$0.00		
Miscellaneous Labor Credit		\$0.00		40.00				
M0053 - Knight, Terry (1.5	0)			\$51.00 \$0.00				
			\$0.00	0.04				

Miscellaneou	is Paris		\$0.00				
Service A Light Check			\$0.00	\$17.00		\$0.00	\$17.00
Detail	2 and the second	Discounts	Parte	Labor	Tires	Other	Total
	Description	APM/BPM/THE	ERMOSTAT				
WO# 143214	Open Date 03/07/2019	Close Date 03/07/2019		ilalus Josed	Downtime 0.00	Acc	
	Recall:	Çampa	algn #			ale:	dent
		Loca	tion: 02-Si	heriff's	Departm	ent: 1251-Sh	eriff's
			Men. 109,5 Noter: 0.0	585.0	No Mi	ater: 0.0	
473: 2006 Ford Ta	urus			P53256A21047	License P	ale: CB9-M1	b
		\$0.00	\$27.95	\$0.00	\$0.00	\$0.00	\$27.95
Credil Other		90.0U				\$0.00	
Miscellaneous		\$0.00		\$0,00			
Tire Rotation Miscellaneous	e Parle		\$0.00 \$0.00	\$0.00		\$0,00	90.00
Other			** **	62.65		\$0.00 \$0.00	\$0.00
Miscellaneou: Credil	s Labor	\$0:00		\$0,00			
Lube, Oll & Filte Miscellaneous	s Parta		\$27.95				
Olhor			\$27.95	\$0.00		\$0,00 \$0.00	\$27.95
Miscellaneous Credil	s Labor	\$0.00		\$0.00			10
Light Check Miscellaneous			\$0.00			201	
Service A			\$0.00	\$0.00		\$0.00	\$0.00
141885 Detail	•	Discounts	Parts	Labot	Tres	Other	Total
WOM	Open Dale 04/25/2018	Close Dale 04/25/2018		tatus losed	Downlime	Acci	deni
	External WO:	Ven	idor: 132 -	SHERIFF OIL		W: 1702620	7
	Recall:	Campa	llon: 02-Sh Ign#		D	ate:	
		No Me	eter: 0.0			ter: 0.0 ant: 1251-Sh	oriffe
473: 2006 Ford Tau	irus		VIN: 1FAF	P53256A21047	License Pl	ate: CB9-M1I	c
		\$0.00	\$10,35	\$23,60	\$0.00	\$0,00	\$34,15
Other						\$0.00	
Miscellaneous Credil	Labor	\$0.00		\$0.00			
Miscellaneous M0053 - Knigh	Parts M, Terry (0.20)		\$0.00	\$6.80			
BLADE (1.000	9		\$0.00				
	NTOUR (1.000) NTOUR WIPER		\$5.40 \$4.95				
Wipers			\$10.35	\$8.80		\$0.00	\$17,15
Credit		\$0.00				\$0.00	
M0053 - Knigh Miscellaneous	Labor			\$0.00			

Work Order Detail

Work Order Detail

			WOIN OID	J Dotai
M0053 - Knight, Terry (0.50)		\$17.00		
Miscellaneous Labor		\$0.00		
Credil	\$0.00		\$0.00	
Olher	\$21	47 \$17.00	\$0.00	\$38.47
Lube, Oll & Filter	\$21.		40.00	
5W20 SYN: SYNTHETIC	\$14	40		
ENGINE OIL (5.000)	¢1	.45		
OF20195: LUBE FILTER	*1	10		
(1.000) DRUM GREASE: DRUM	\$0	.90		
GREASE SUPER (5.000)	••			
AF8997; AIR FILTER (1.000)	\$4	.72	10	
Miscellaneous Parts		.00		
M0053 - Knight, Terry (0.50)		\$17,00		
Miscellaneous Labor		\$0.00		
Credit	\$0.00			
Other			\$0.00	
Tire Rotation		.00 \$13.60	\$0.00	\$13.60
Miscellaneous Parts	\$0	.00		
M0053 - Knight, Terry (0.40)		\$13.60		
Miscellaneous Labor		\$0.00		
Credit	\$0.00		\$0.00	
Olher			\$0.00	
Service B		.00 \$0.00	\$0.00	\$0.00
Check Brakes			40.00	40.00
Miscellaneous Parts	20	0.00 \$0.00		
M0053 - Knight, Terry (0.00)		20.00		
Labor Comments:	BRAKES OK	\$0.00		
Miscellaneous Labor	\$0.00	30.00		
Credit	\$0.00		\$0.00	
Olher	\$75	5,73 \$17,00	\$0.00	\$42.73
Replace Fuel filter FG1060; FUEL FILTER (1.000)		5.67	•••••	
		5.00		
44K: INJ CLEANER (1,000) 800-023 FUEL CLIPS (1,000)		1.06		
Miscellaneous Parts		0.00		
M0053 - Knight, Terry (0.50)		\$17.00		
Miscellaneous Labor		\$0.00		
Gredit	\$0.08			
Other			\$0.00	
Cooling System	\$7	7.94 \$17.00	\$0.00	\$24.94
PM1924425 THERMOSTAT		5 99		
(1.000)				
10695T GASKET (1.000)	\$0	0.95		
Miscellaneous Paris	S	0.00		
M0053 - Knight, Terry (0.50)		\$17.00		
Miscellaneous Labor		\$0.00		
Credit	\$0.00			
Other			\$0.00	
Preventive Maintenance		5,42 \$17,00	\$0.00	\$22.42
89773 CABIN FILTER (1.000)		5.42		
Miscellaneous Parts	\$1	0.00		
M0053 - Knight, Terry (0.50)		\$17.00		
Miscellaneous Labor		\$0.00		
Credit	\$0.00		\$0.00	
Olher		0.00 \$40.00	\$0.00	\$10.20
Road Test		0.00 \$10.20	40.00	410120
Miscellaneous Parts	\$	0.00 \$10.20		
M0053 - Knight, Terry (0.30)		\$0.00		
Miscellaneous Labor	\$0.00	30.00		
Credit	20.00			
port Created by collectiveFleet 7.0	07/21/	2020 10:07 AM		Page 31 of

#### Work Order Detail

Other						\$0.00	
		\$0.00	\$60.56	\$108.60	\$0,00	\$0.00	<u>\$169.36</u>
473: 2006 Ford Tau	ITV8	· · ·	VIN: 1FA	FP53256A21047	License Pi	ale: CB9-M1	D
			Antes: 0.0	450	No Me	ter: 0.0	
			tion: 02-5	iberiff's	Departm	eni: 1251-Sh	eriffs
	Recall:	Camp	algn #			ato:	
WO #	Open Date	Close Date		Status	Downtime	Acc	dent
143635	06/12/2019	06/12/2019		Closed	0.00		
	Description:		LEAK				
		iscounts	Parts	Labor	Tires	Other	Total
Detail ENGINE	-	ISL ULING	\$32.89	\$136.00	10.44	\$0.00	\$168.89
OS30712R 0	I PAN SET		\$16.79				
(1.000)							
OF20195: LU	BE FILTER		\$1.45				
(1.000)							
5W20 SYN: 5	SYNTHETIC		\$14.65				
ENGINE OIL			\$0.00				
Miscellaneou			20.00	\$136.00			
M0053 - Knig Miscellaneou	h1, Terry (4,00)			\$0.00			
Credit	s Labor	\$0.00		40.00			
Other		40.00				\$0.00	
Ignition System			\$121.77	\$68.00		\$0.00	\$189.77
DG532 IGN (	COIL (1.000)		\$79.76				
	RESET (1 000)		\$42.01				
Miscellaneou	s Parts		\$0.00				
	phl, Terry (2.00)			\$68.00			
Miscellaneou	s Labor			\$0.00			
Credit		\$0.00				60.00	
Other			\$0.00	\$10.20		\$0.00	\$10.20
Road Test Miscellaneou	r Darte		\$0.00	410mm			
	ht, Terry (0.30)			\$10,20			
Miscellaneou	a Labor			\$0.00			
Cristit		\$0.00					
Other						\$0.00	
		\$0.00	\$154,66	\$214.20	\$0.00	\$0.00	1368,85
			Sull See	FP53258A21047	Linuine B	late: CB9-M	10
473: 2006 Ford Ta	iurus		VIN: 164 Miles: 121		LICOURS &	Nate: GD3-W	10
		Leir	ation: 02-	Shuriffa	Departm	went: 1251-S	hedfis
	Recall:		algn#	Children C	· .	Date:	
	External WO:		andor:			nv#: 206765	01
	Enterine tree					PO#:	
WO #	Open Dale	<u>Close Dat</u>		Status	Downlime	Acc	Ideni
144687	12/18/2019	12/18/201	9	Closed	0.00		
	P		Deale	Labor	Tires	Other	Total
Detall	1	alpuocal	Parts	Labor		Participa Construction	- and a
Service A			\$0.00	\$0.00		\$0.00	60.00
Light Check Miscellaneou	e Parle		\$0.00	20.00			
Miscellaneou				\$0.00			
Credit		\$0.00				** **	
Other						\$0.00	\$40.90
Lube, Oll & Filt			\$40.90			\$0.00	\$40,90
Miscellaneou	us Parts		\$40.90				
Report Created by c	offectiveFlett 7.0	_	07/23/2020	0 10:07 AM			Page 3
							E2

Miscellaneous L Credil Other Tire Rotation Miscellaneous P Miscellaneous L Credil Other	arts	\$0,00 \$0,00	\$0.00 \$0.00	\$0.00 \$0.00		50.00	
Other Tire Rotation Miscellaneous P Miscellaneous L Credit				\$0.00			
Tire Rotation Miscellaneous P Miscellaneous L Credit		\$0.00		\$0.00			
Miscellaneous P Miscellaneous L Credil		\$0.00				\$0.02	\$0.00
Miscellaneous L Credil		\$0.00		44104		\$0.00	\$0.00
Credit	BDOF	\$0.0D		\$0.00			
				40.00			
<b>U</b> IIII		40.00				\$0.00	
		\$0.00	\$40.90	\$0.00	\$0.00	\$0.00	\$40.90
73; 2006 Ford Teur	16		VIN: 1FAFF Miles: 121,65	53256A21047	License	Plate: CB9-M1	io
		Loc	ation: 02-Sh	eriffs		ment: 1251-SI	aThree
	Recal		elan#			Date:	
WOM	Open Date	Close Dat	a SL	atua	Downlime	Acc	idan1
144755	01/28/2020	01/31/2020	0 Cł	osed	0.00		
Detail		Discounts	Parts	Labor	TIMA	Other	Intal
BRAKES			\$89.99	\$42.00		\$0.00	\$131,99
66749RGS RO			\$60.00 \$29.99				
SC598 BRAKE Miscellaneous F	PAUS (1.000)		\$29.99				
M0053 - Knight			40.00	\$42.00			
Miscellaneous L				\$0.00			
Credit		\$0.00					
Other		16				\$0.00	
Drive Axles			\$159.58	\$128.00		\$0.00	\$285.56
513100 WHEEL	HUB ASY		\$159.58				
(2.000)			*0.00				
Miscellaneous F			\$0.00	\$126.00			
M0053 - Knighl, Miscellaneous I	Terry (3.00)			\$0.00			
Credit	abor	\$0.00		40.00			
Other		40,00				\$0.00	
Electrical			\$97.71	\$21.00		\$0.00	\$118.71
36RPRM BATT	(1,000)		\$97.71				
Miscellaneous F			\$0.00				
M0053 - Knight				\$21.00			
Miscellaneous L	abor			\$0,00			
Credit Other		\$0.00		2.9		\$0.00	
Road Test			\$0.00	\$12.60		60.00	\$12.60
Miscellaneous I	Porte		\$0.00	¥12100			
M0053 - Knight				\$12.60			
Miscellaneous I				\$0.00			
Credil		\$0.00					
Other				** **		\$0.00	\$19.47
Wipers			\$11.07 \$5.87	\$8.40		\$0.00	919.47
SP20: 20" CON	TOUR WIPER		93.07				
BLADE (1.000) SP24: 24" CON	TOUR (1.000)		\$5,40				
Miscellaneous I			\$0.00				
M0053 - Knight				\$8.40			
Miscellaneous I				\$0.00			
Credit		\$0.00				\$0.00	
Olher						20,00	
		\$0.00	\$358,33	\$210.00	00,03	\$0.00	\$568.33
			0//22/2020				Page 33 of

Work Order Det	tall
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473; 2006 Ford Ta		Locat	les: 121,82 lon: 02-Sh		Departme	ate: CBD-M1	
···· . ····	Recall:	Campai		-		Acci	donl
WO # 144623	Open Data 02/07/2020	Close Date 02/11/2020		atus osed	Downtima 0.00	HL4	rimitir
		Discounia	Parts \$68.79 \$68.79	Labor \$42.00	Ilrea	S0.00	<u>Total</u> \$110.79
Miscellaneou M0053 - Kni Miscellaneou	ght, Terry (1.00)		\$0.00	\$42,00 \$0,00			
Credil		\$0.00					
	JOINT (1.000)		\$36.99 \$36.99 \$0.00	\$42.00		\$0.00 \$0.00	\$76,89
Miscellaneo	ght, Terry (1.00)		30,00	\$42.00			
Miscellaneo	us Labor			\$0.00			
Credil Other		\$0 00				\$0,00	
		\$0.00	\$105.78	\$84.00	\$0.00	\$0.00	\$189.78
473: 2006 Ford T	0110118	2	VIN. 1FAF	P53256A21047	License Pl	ate: CB9-M1	ö
475. 2000 Pord 1		24	les: 122,5	99.0			
			ion: 02-Sh	aThree		ent: 1251-Sh	ទៅពិទ
	Recall	Campa			Downtime	ale:	dent
WO # 144895	Open Date 02/24/2020	Close Date 02/26/2020		osed	0.00	100	
	Commente:	CHECK ENGIN		<b>3 CLY ENGINE N</b>	AISS		Total
Detail		Discounts	Parts \$27,12	1.abor 147.00	Tires	Other \$0.00	\$69.12
Ignition System	n. RK PLUG (1.000)		\$27.12	\$42.00		\$0.00	200.11
	E SET (1.000)		\$24.59				
Miscellaneo			\$0.00				
M0053 · Ko	ight, Terry (1.00)		000000	\$42,00			
Miscellaneo	un Labor			\$0.00			
Credit		\$0.00					
Other						\$0.00	
		\$0.00	\$27.12	\$42.00	\$0.00	\$0.00	\$69.12
473: 2006 Ford T	aurus	M	les: 122,5			ate: CB9-M1	
			llon: 02-Sh	eriff's		ent: 1251-Si	I OF IT S
	Recall:	Campa Close Data		Intus	Downlime	ate: Acc	Idant
WO # 144907	Open Data 02/26/2020	02/26/2020	C	losed	0.00		
Detall BRAKES ALS224 AB Miscellaneo	S SENSOR (1.000)	Discounts	Parts \$37.33 \$37.33 \$0.00	<u>Labor</u> \$21.00	Ilcea	Other \$0.00	<u>Total</u> \$68.33
M0053 - Kn	ight, Terry (0.50)			\$21.00 \$0.00			
Miscellaneo Credit	HIB LEDOT	\$0.00		0.00			
Other						\$0,00	

		\$0,00	\$37,33	\$21.00	\$0.00	\$0.00	\$58.33
0. = 000.08	Grand Total:	\$0.00	\$3,172.52	\$2,049.52	\$428.71	\$392.20	\$6,042.95

# **BOONE COUNTY**

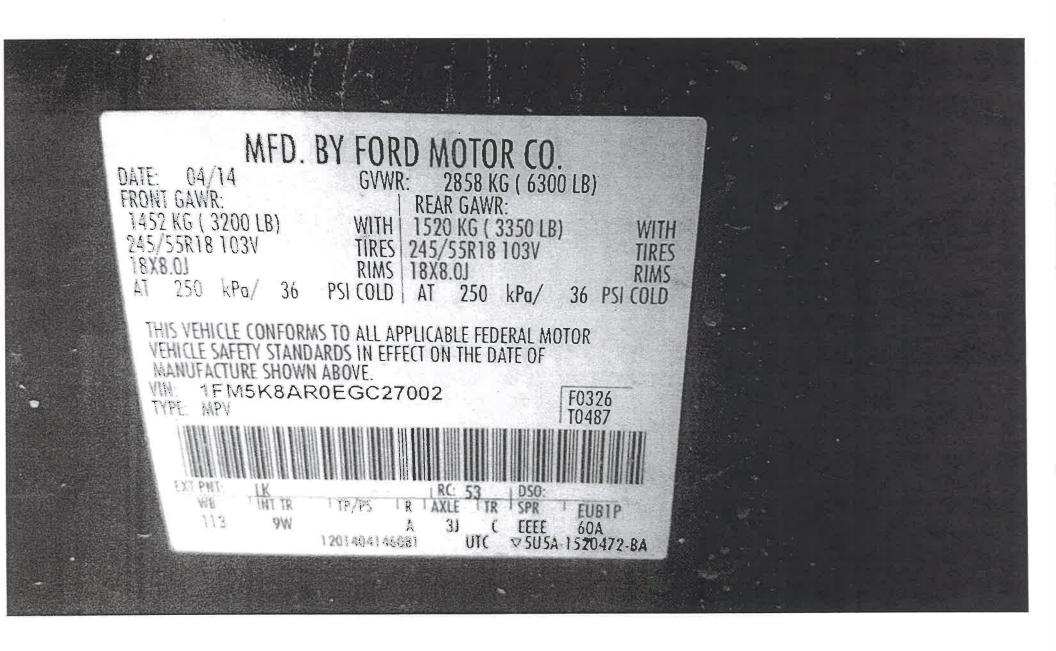
Request for Disposal/Transfer of County Property

Complete, sign, and return to Auditor's Office

	E 1 Acest Tra Number 10304	
Date: 07-23-2020	Fixed Asset Tag Number: 19304	
Description of Asset: 2014 Ford Intere-	ceptor Utility, Dark Blue (124,xxx miles)	
Requested Means of Disposal: ⊠Sell	□Trade-In □Recycle/Trash □Ot	her, Explain:
Other Information (Serial number, etc.	): VIN: 1FM5K8AR0EGC27002	RECEIVED
Condition of Asset: Fair.		JUL 31 2020
Reason for Disposition: Vehicle was re	placed in 2020.	BOONE COUNTY AUDITOR
Location of Asset and Desired Date fo	or Removal to Storage: BCSD rear gravel pa	arking lot
Was asset purchased with grant fundin If "YES", does the grant impose If yes, attach documentation d	restriction and/or requirements pertaining t lemonstrating compliance with the agency's	restrictions and/or requirements
Dept Number & Name: 1251 Sheriff	Enforcement Signature	avid alexand 07.23-2020
	6/5/14 G/L Account	for Proceeds <u>2901-3835</u>
Original Acquisition Amount2	8,644	
Original Funding Source 27		
Account Group /66	25	
	OMMISSION / COUNTY CLERK	
Approved Disposal Method:		
Transfer Department	Name	Number
Location with	hin Department	
Individual		
TradeAuction	Sealed Bids	
Other Explain		
Commission Order Number 38	8-2020	
Date Approved	.(.20	
Signature Comple at	will	

https://boonecountymo-my.sharepoint.com/personal/dalexander\_boonecountymo\_org/Documents/Fixed Asset Disposal.docx

MAINSCR B	OONE	Fixed Asset = View	-
3			7/23/20
		Tag Replaced <u>N</u> To	From Last Posted
Description	2014 FORD EXPLO	Ad	justments in Process <u>5</u> 2020
Acquired		Amt 28,644.00	
Acct Grp	1605 VEHICLES		5,728.80
Category	10 AUTOMOBILE	S	
Location	1251 SHERIFF		
Purch Dept	2901 SHERIFF OF	PERATIONS-LE SALES T	Book ID
	Date <u>12/01/2018</u>	Inv Status Found -	No Change
Site Loc		eriff/Corrections	
Site Detl	Fleet		
Make	FORD	Model	EXPLORER (INTERCEPTOR UT)
Serial	1FM5K8AR0EGC270	Note	
Invoice	F14-BNCNTY	Check	<u>180811</u>
Vendor	<u>14971</u> LOU FUS	SZ FORD INC	
Bid#	<u>C114088003</u>	-	
User			
	Fields Book Va	alue	
Dep St Dt			3,273.60
Adj Total		19,641	<u>1.60-</u> Acm Dep Ytd <u>1,364.00</u>
		$\Pi_{a} + 1  \Omega_{a} = 1  \Omega_{a}$	,644.00
		Total Cost28,	F23=Bid F22=Hist F24=More



🕎 COLL	ECTIVE	DATA"										
Home	Asset	() Dashboard	i Employee	Fuel Log	<b>Q</b> Inspection	1/2 Parts	Parts Order	Quick Meter Update	To Do List	X Work Order	PM Scheduled Tasks	Work C
Filter:	< Car	onarti 🗸 🗸	Enter to distant	o titor		🌯 Clear	Advance	d				
$  +   \rangle$	<	170 of 60 Records		>  Hs	ave -	1930	4: 2014 Ford	Interceptor Utility	,			
j≝ ≊un ÷	Report	L Ad-Hoc Re	port									

The state	Specifications Acq	uisition Info	Attached Assets	Tools	Scheduling	Details	Documents	Pictures	Tires	Occupants	Life Cycle / Depreciation
	General Info										
	Tempizie	biel-									×
	Asset No.1	19304			а — Ш 		Year	,2014			
	Filter Asset No	103.34									×
	ĩypa	22° Passen	gen SUV		<b>T</b> - [		Sub Type	2			Y
	ំវេច-ស	: Fend			×.		Model	Interceptor	Utility		v
	M e	s 🗹 124-28	S.3				Miles Updated*	08/17	12020	64 14	
	License Plate No						License Plate State	4			a *
	5 r	IFN583AP	QEG027002								
	Location							53			
		n 02-Sherfis	Department and Jal		Υ,		Departmen	1251-Sher	iffs Departm	er:	• * *

3 - - - - - - EC

#### Work Order Detail

9304: 2014 Ford Inte	rceptor Utility	M	IN: 1FM5K	BAR0EGC271	License Pla			
			ter: 0.0			ter: 0.0		
			on: 02-She	riff's		int: 1251-Sh	eniffs	
	Recall:	Campal		UEDICE OF		ite: v#: 136907		
	External WO:	Vend	1or: 132 · S	HERIFF OIL		O#:		
WO # 112449	Open Date 10/16/2014	Close Date 10/18/2014	Sia Clos		Downlima 0.00	Acci	ident	
Detall	D	scounts	Parts	Labor	Tires	Other	Total	
Service A				\$0.00		\$0.00	\$0.00	
Light Check			\$0.00 \$0.00	\$0.00		\$0.00	10.00	
Miscellaneous P Miscellaneous L			20.00	\$0.00				
Credit	BOOL	\$0.00		30.00				
Other		\$0.00				\$0.00		
Lube, Oll & Filter			\$25.08	\$0.00		\$0.00	\$25.08	
Miscellaneous P	and a		\$25.08	\$0.00		\$0.00		
Miscellaneous I			423.00	\$0.00				
Credil	.8001	\$0.00						
Other		00100				\$0.00		
		\$0.00	\$25.08	\$0.00	\$0.00	\$0,00	\$25.08	
304: 2014 Ford Inte	sceptor Utility			BAR0EGC27(	License Pl	ale:		
			llos: 12,173	.0				
			eter: 0,0		No Me	ter: 0.0		
			lon: 02-She	riffs	Department: 1251-Sheriff's Date:			
	Recall	Campa	lgn #				-	
	External WO:	Ven	dor: 132 • 5	HERIFF OIL		nv#: 031195 Ю#:		
WD# 113085	Open Date 01/29/2015	Close Dale 01/29/2015		utus used	Downlime 0.00	Acc	iden1	
Detail		lacounta	Parts	Labor	Tires	Other	Total	
Service A		IL COLOUR	Latra	Fundr.	1			
Light Check			\$0.00	\$0.00		\$0.00	\$0.00	
Miscellaneous	Paris		\$0.00					
Miscellaneous				\$0,00				
Credit		\$0.00						
Olher						\$0.00		
Lube, Oll & Filter			\$29.95	\$0.00		\$0.00	\$29.95	
Miscellaneous	Parts		\$29.95					
Miscellaneous	Labor			\$0.00				
Credit		\$0.00						
Other						\$0,00		
		\$0.00	\$29.95	\$0.00	\$0.00	\$0.00	\$79.95	
		90.00					1.1.24210.444	
9304: 2014 Ford Inte	erceptor Utility		lles: 8,696	(BAROEGC27( 0	License P	lale: eler: 0.0		
			eler: 0.0			eler: 0.0 went: 1251-S	horiffe	
			tion: 02-Sh	8701 5		Ment: 1201-2 Dale:	a la constantina	
	Recall: External WO:	Campa Ver	lign # 1dar: 133 - 1	SHERIFF	ī	nv#: 143676 PO#:	3	
WOLE	Open Date	Close Dale	51	atus	Downtime		cident	

113753	04/27/2015	04/27/2015	Clos	sed	0.00		
(13/33		Replaced one tir					
Detali		iscounts	Parts	Labor	Tires	Other	Total
		\$0.00	\$0.00	\$0.00	\$142,92	\$0.00	<u>\$142.92</u>
104: 2014 Ford Int	erceptor Utility		VIN: 1FM5K les: 18,393	BAROEGC27	License Pi	ate:	
		No Me	ter: 0.0 lon: 02-She		Departm	iter: 0.0 ent: 1251-St	a Thirac
	Recall:	Campa				ale:	4
WO # 113785	Open Data 05/08/2015	Close Data 05/06/2015		sed	Downline 0.00	Acc	lden1
	Description:	APM BPM					
Detall Service A		lacounta	Paria	Lapor	Tires	Other	Total
Light Check	Deste		\$0.00 \$0.00	\$17.00		\$0.00	\$17.00
Miscellaneous M0053 - Knigh			40.00	\$17.00			
Miscellaneous				\$0.00			
Credil	2000	\$0.00					
Other						\$0.00	\$44.57
	IL SYNTHETIC		\$27.57 \$16.74	\$17.00		\$0.00	\$44.51
blend (0.000)	FILTER (1.000)		\$1.72				
DRUM GREA	SE: DRUM		\$0.65				
AF10242: AIR	FLTR		\$5.61				
Shop supplies	: Shop supplies		\$2.65				
(1.000) Miscellaneous	Parte		\$0.00				
M0053 - Knigt				\$17.00			
Miscellaneous	Labor			\$0,00			
Credil		\$0.00				\$0.00	
Other Tire Rotation			\$0.00	\$13.60		\$0,00	\$13.60
Miscellaneous	Darle		\$0.00	410.00			
	nt, Terry (0.40)		40.00	\$13.60			
Miscellaneous	Labor			\$0.00			
Credit		\$0.00				\$0.00	
Other						30,00	
Service B Check Brakes			\$0.00	\$10.20		\$0.00	\$10.20
Miscellaneous			\$0.00				
	hl, Terry (0.30)			\$10.20			
Miscellaneou	Labor	\$0.00		\$0.00			
Credil Olher		\$0.00				\$0.00	
Replace Fuel Fil	ter		\$16.00	\$3.40		\$0.00	\$19.40
	ANER (1.000)		\$16.00				
Miscellaneout	Parte		\$0.00				
	hl, Terry (0.10)			\$3.40			
Miscellaneous	s Labor	\$0.00		\$0.00			
Credit Other		40,00				\$0,00	
	tenance		\$3,83	\$17.00		\$0.00	\$20.83

## Work Order Detail

\$29.95

\$0.00

\$0.00

Work Order Detail

CF1230: CABI	N FILTER		\$3.83				
(1.000)	Dorte		\$0.00				
Miscellaneous M0053 - Knigh			40.00	\$17.00			
Miscellaneous	Labor			\$0.00			
Credit		\$0.00				to 00	
Other			=0.00	\$10.20		\$0.00	\$10.20
Road Test Miscellaneous	Deda		\$0.00 \$0.00	\$10.20		\$0.00	410.20
M0053 - Knigh			20.00	\$10.20			
Miscellaneous	Labor			\$0.00			
Credit		\$0.00				\$0.00	
Other						\$0.00	
		\$0.00	\$47.40	\$88.40	\$0.00	\$0.00	<u>\$135.80</u>
304: 2014 Ford In	terceptor Utility	,	VIN: 1FM5	(BAROEGC27)	License Pi	ate:	
			les: 23,200	0			
		No Me	ter: 0.0	d IP a		iter: 0.0 ent: 1251-Sh	effica
	Receil:	Campai	lon: 02-She	NUL 2		ent; izət-an ate:	101 H I 41
	External WO:		lgn ₩ dar; 133 - S	HERIFF	Ī	w#; 161023	
		9			Downlims	0#: A cal	dent
WO # 114273	Open Dete 07/29/2015	Close Date 07/29/2015		sed	0.00	ACC	trailly .
117610			0.0				
D. (.)		Replaced 1 (Ire	Parts	Labor	Three	Other	Total
Detal		DISCOUNTS	Parts	Lautr	1009	CALCER.	
		\$0.00	\$0.00	\$0.00	\$142.82	\$0.00	<u>\$142.9</u> 2
304: 2014 Ford In	lerceptor Utility		VIN: 1FM51 lles: 23.788	(BAR0EGC27(	License Pl	ale:	
			aler: 0.0		No Me	eter: 0.0	
		Loca	lion: 02-Sh	MIT &		eni: 1251-Sh	ieriff's
	Recult		lgn#			ate: nv#: 0342634	
	External WO:	Ven	dor: 132 - 8	SHERIFF OIL		nv#; 0.342634 PO#;	+
WO #	Open Date	Close Date	Sta	atus	Downlime		dent
114406	08/07/2015	06/07/2015	Clo	baad	0.00		
Datall		Discounts	Parts	Labor	Tires	Other	Tota
Service A Light Check			\$0,00	\$0.00		\$0.00	\$0,00
Miscellaneou	s Perts		\$0.00				
Miscellaneou				\$0.00			
Credit		\$0.00				\$0.00	
Olher			\$29.95	\$0.00		\$0.00	\$29.95
			\$29,95				
Lube, Oll & Fille Miscellaneous				\$0.00			
Miscellaneou: Miscellaneou:	s Labor					\$0.00	
Miscellaneou: Miscellaneou: Credit	stabol	\$0.00					
Miscellaneou: Miscellaneou: Credit Other		\$0.00	F0 00	\$0.00			\$0.00
Miscellaneou: Miscellaneou: Credit Other The Rotation		\$0.00	\$0.00 \$0.00	\$0.00		\$0.00	\$0.00
Miscellaneou: Miscellaneou: Credit Other	s Parts	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00			\$0.00
Miscellaneou: Miscellaneou: Credit Other Tire Rotation Miscellaneou:	s Parts	\$0.00					\$0.00

04: 2014 Ford Inte	rceptor Utility Recall: External WO:	Mi No Me Locat Campal	iles: 30,43 ster: 0.0 lon: 02-St Ign #		Departu	leter: 0.0 ment: 1251-Sh Date: Inv#: 035683: PO#:	
WO # 138200	Open Dale 12/29/2015	Close Data 12/29/2015		tatus losed	Downtime 0.00		dent
Detall	10.171.111.1	Discounts	Parts	Labor	Tires	Other	Total
Service A Light Check			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous	Parts		\$0.00	\$0.00			
Miscellaneous I	.abor	\$0.00		\$0.00			
Credil		20.00				\$0.00	
Other			\$29.85	\$0.00		\$0.00	\$29.95
Lube, Oil & Filter			\$29.95	40.00		•••••	
Miscellaneous I Miscellaneous I			429.0J	\$0.00			
Credit	auur	\$0.00		40.00			
Olher		40.00				\$0.00	
Tire Rotellon			\$0.00	\$0,00		\$0.00	\$0.00
Miscellaneous	Parts		\$0.00				
Miscellaneous				\$0.00			
Credit		\$0.00					
Other						\$0.00	
304: 2014 Ford Inte	, copier entry	No M	iles: 36,63 ster: 0.0 tion: 03-51		Depart	Aeler: 0.0 ment: 1251-Si	neriff's
	Recall					Date:	
WO#	Open Date	Close Date	S	tatue	Downline	Acc	Ident
138793	04/29/2016	04/29/2018	C	losed	0.00		
	Description	APMEPM/CPM	VBATT		10.000		
Detall		Discounts	Parts	Labor	Tires	Other	Total
Service A							
Light Chock			\$0.00	\$17.00		\$0.00	\$17.00
Miscellaneous			\$0.00				
M0053 - Knight	l, Terry (0.50)			\$17.00			
	Labor Comments	: MVI		\$0.00			
Miscellaneous	Labor	40.00		20.00			
Credit		\$0.00				SO.00	
			\$23.26	\$17.00		\$0.00	\$40.26
Other				411.00			
Other Lube, Oll & Filter 5W20: ENG O			\$13.08				
Other Lube, Oll & Filter 5W20: ENG Ol blend (6:000)	LSYNTHETIC						
Other Lube, Oll & Filter 5W20: ENG Of blend (8.000) OF22500: Oil	L SYNTHETIC		\$1,57				
Other Lube, Oll & Filter SW20; ENG Ol blend (8.000) OF22500; Oll DRUM GREAS	L SYNTHETIC FILTER (1.000) E: DRUM						
Other Lube, Olf & Filter 5W20: ENG Ol blend (8:000) OF22500 Ol DRUM GREAL GREASE SUP	L SYNTHETIC FILTER (1.000) E: DRUM ER (5.000)		\$1,57				
Other Lube, Olf & Filter 5W20: ENG Ol blend (8:00) OF22500: OIL DRUM GREAS GREASE SUP AF10242: AIR	L SYNTHETIC FILTER (1.000) E: DRUM ER (5.000) FLTR		\$1.57 \$0.80				
Other Lube, Oll & Filter SW20: ENG Ol blend (8.000) OF22500: Oll DRUM GREAS GREASE SUP AF10242: AIR INTERCEPTO	L SYNTHETIC FILTER (1.000) E: DRUM ER (5.000) FLTR (1.000)		\$1.57 \$0.80				
Other Lube, Olf & Filter 5W20: ENG Ol blend (8:00) OF22500: OIL DRUM GREAS GREASE SUP AF10242: AIR	L SYNTHETIC FILTER (1.000) E: DRUM ER (5.000) FLTR (1.000)		\$1,57 \$0.80 \$4,58 \$3,23				
Other Lube, Oll & Filler SW20: ENG OL Deard (8,000) OF22500 Oll DRUM GREAS GREASE SUP AF10242: AIR INTERCEPTO Shop supplies:	L SYNTHETIC FLITER (1.000) E: DRUM ER (5.000) FLTR (1.000) Shop supplies		\$1,57 \$0.80 \$4,58				
Other Lube, Oll & Filler SW20: ENG OI blend (8.000) OF22500.04 DRUM GREA GREASE SUP AF10242: AIR INTERCEPTO Shop supplies: (1.000)	L SYNTHETIC FLITER (1.000) E: DRUM ER (5.000) FLTR (1.000) Shop supplies		\$1,57 \$0.80 \$4,58 \$3,23				

\$0.00

\$29.95

\$0.00

Report Created by collectiveFlext 7.0

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Report Crusted by collectiveFleet 7.0 07/23/2020 9:41 AM

7			Work Ord	
M0053 - Knighl, Terry (0.50)		\$17.00		
Miscellaneous Labor		\$0.00		
Credit	\$0.00			
Other	- C		\$0.00	848.60
Tre Rotation	\$0.00	\$13,60	\$0.00	\$13.60
Miscellaneous Parts	\$0.00			
M0053 - Knight, Terry (0.40)		\$13,60		
Miscellaneous Labor		\$0.00		
Credit	\$0,00		\$0.00	
Olher			\$0.00	
Service B				
Check Brakes	\$0.00	\$0.00	\$0.00	\$0,00
Miscellaneous Parts	\$0,00			
M0053 - Knighl, Terry (0.00)		\$0.00		
Labor Comments:	BRAKES OK			
Miscellaneous Labor		\$0.00		
Credit	\$0.00			
Olher			\$0.00	£40.40
Replace Fuel Filler	\$16.00	\$3.40	\$0.00	\$19.40
44K: INJ CLEANER (1.000)	\$16.00			
Miscellaneous Parts	\$0.00			
M0053 - Knight, Terry (0.10)		\$3,40		
Miscellaneous Labor		\$0.00		
Credit	\$0.00			
Olher			\$0.00	
Service C				
Change Transmission Fluid	\$10.00	\$3.40	\$0.00	\$13.40
310: PWS ATC (1.000)	\$10.00			
Miscellaneous Parts	\$0.00			
M0053 - Knight, Terry (0.10)		\$3.40		
Miscellaneous Labor		\$0.00		
Credil	\$0,00			
Olher			\$0.00	\$16.70
Replace wiper blades	\$9.90	\$6.80	\$0.00	\$10 /0
SP-22: WIPERS (1.000)	\$5.05			
SP28: 26" CONTOUR (1,000)	\$4.85			
Miscellaneous Parla	\$0.00			
M0053 - Knight, Terry (0.20)		\$6.80 \$0.00		
Miscellaneous Labor	** **	20.00		
Credil Other	\$0,02		\$0.00	
Other				
Electrical	\$112.95	\$17.00	\$0.00	\$129.95
MTP-65: BATTERY (1.000)	\$112.95			
Miscellaneous Parts	\$0.00	447.00		
M0053 - Knight, Terry (0.50)		\$17.00		
Miscellaneous Labor		\$0.00		
Credit	\$0.00		\$0.00	
Other	** **	\$47.00	\$0.00	\$20.83
Preventive Maintenance	\$3.83		40.00	450103
CF1230; CABIN FILTER	\$3.83			
(1.000)	PA 00			
Miscellaneous Paris	\$0.00	\$17.00		
M0053 - Knight, Terry (0.50)		\$0.00		
Miscellaneous Labor	eo oo	40 00		
Credit	\$0,00		\$0.00	
Other	\$0.00	\$10.20	\$0.00	\$10.20
Road Test	\$0.00		\$0.00	
Macellaneous Perts	au.uu	\$10.20		
M0053 - Knight, Terry (0.30)		\$0.00		
Miscellaneous Labor		40.00		

Credil Other		\$0.00				\$0.00	
		\$0.00	\$175,94	\$105,40	\$0,00	\$0.00	\$281.34
9304: 2014 Ford In	erceptor Utility		VIN: 1FM5H	(BAROEGC27)	License Pl	ale:	
			eter: D.O			ter: 0.0	
			tion: 02-Stu	MITS.		ent: 1251-Sh	enilis
	Recall:		ilgn #			ate:	
	External WO	. Ver	ndor: 133 - 5	SHERIFF		O#:	
WO # 139450	Open Data 06/05/2016	Close Oste 06/05/2016		sed.	Downlims 0.00	Acc	dent
	Description	Replaced 1 lire					
Detall		Discounia	Parts	Labor	<u>Ilres</u>	Other	<u>Total</u>
		\$0.00	\$0,00	\$0,00	\$142.92	\$0.00	<u>\$142.92</u>
19304; 2014 Ford In	terceptor Utility		VIN: 1FM5	K8AR0EGC27(	License Pl	ale:	
			eler: 0.0	2	No Me	ster: 0.0	
			tion: 02-Sh	eriffs		ent: 1251-5	neriff's
	Recall					ate:	
	External WO	: Ve	ndor: 132 - 3	SHERIFF OIL		nv#: 473458 PD#:	
WO# 139321	Open Date 08/24/2016	Close Date 08/24/2016		atus osed	Downtime 0.00	Acc	ideni.
Detail		Discounta	Parte	Labor	Tires	Other	Total
Service A							
Light Check			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneou			\$0.00	\$0.00			
Miscellaneou	s Labor	\$0.00		30,00			
Credit Other		30,00				\$0.00	
Lube, Oll & Fille	r		\$30,45	\$0.00		\$0.00	\$30.45
Miscellaneou			\$30.45				
Miscellaneou				\$0,00			
Credil		\$0.00				\$0.00	
Other			\$0.00	\$0.00		\$0.00	\$0.00
The Rotation Miscellaneou	- Dento		\$0.00	40.00			
Miscellaneou			40.00	\$0.00			
Credil		\$0,00					
Other						\$0.00	
		\$0.00	\$30.45	\$5.00	\$0.00	\$0.00	\$30.45
19304: 2014 Ford In		10000	MAN 1545	KBAROEGC27	License P	fals:	
19304: 2014 Ford II	iterceptor otimy	No	Villes: 50,48 Aeter: 0.0	9.0	No M	eter; 0.0	
			ation: 02-Sh	enine		ent: 1251-S	herifi 6
	Recal		algn#			Dale: inv#: 463483	
	External WC	): Ve	ndor: 132 -	SHERIFF OIL		nv#: 463483 PO#:	
WON	Open Date	Close Dat	o Si	latur	Downilma		Ident

100005	40/06/2018	12/04/2014	Clo	ead	0.00		
139825	12/06/2016	12/06/2016					×
Datal	1	Discounts	Parts	Labor	Tires	Other	Total
Service A						80.00	\$0.00
Light Check			\$0.00	\$0.00		\$0.00	90,00
Miscellaneou			\$0.00	#0.00			
Miscellaneou	a Labor			\$0.00			
Credit		\$0.00				\$0.00	
Other						\$0.00	\$30.45
Lube, Oli & Filte			\$30.45	\$0.00		\$0.00	430.43
Miscellaneou			\$30.45	\$0.00			
Miscellaneou	e Labor			\$0.00			
Credil		\$0.00				\$0.00	
Other				\$0.00		\$0.00	\$0.00
Tire Rotation	_		\$0.00	\$0.00		40,00	40.00
Miscellaneou			\$0.00	\$0.00			
Miscellaneou	is Labor			20.00			
Credit		\$0.00				\$0.00	
Other						\$0.00	
				\$0.00	\$0.00	\$0.00	\$30.45
		\$0.00	\$30.45				del trade
9304: 2014 Ford I	nierceptor Utility		VIN: 1FM5P Alles: 53,506	(BAR0EGC27(	License	Plale:	
			leter: 0.0		No Meter: 0.0		
		Location: 02-Sheriff's			Depart	ment: 1251-Sh	eniffs
	Recall:	Camp			-	Dale:	
WO #	Open Date	Close Date		atus.	Downtime	Acc	dent
140110	02/02/2017	02/02/2017		boas	0.00		
	Description:				-	0	Total
Detail		Discounts	Parie	Labor	Tires	Olher \$0.00	\$212.11
BRAKES			\$178.11	\$34.00		20.00	9414.13
	BRAKE PADS		\$53.29				
(1.000)							
(1.000) brrf318 rolor			\$124.82				
(1.000) brrf318 rolor Miscellaneou	us Parla		\$124.82 \$0.00				
(1.000) brrf318 rotor Miscellaneou M0053 - Kni	us Parts ghl, Terry (1.00)			\$34.00			
(1.000) brrf318 rotor Miscellaneou M0053 - Kni Miscellaneou	us Parts ghl, Terry (1.00)			\$34.00 \$0.00			
(1.000) brrf318 rotor Miscellaneou M0053 - Kni Miscellaneou Credit	us Parts ghl, Terry (1.00)	\$0.00				¢0.00	
(1.000) brrf318 rotor Miscellaneou M0053 - Knl Miscellaneou Credit Other	us Parts ghl, Terry (1.00)	\$0.00	\$0.00	\$0.00		\$0.00	F40 00
(1.000) brrf318 rotor Miscellaneou M0053 - Kni Miscellaneou Credit Other Road Test	us Parts ghi, Terry (1.00) us Labor	\$0.00	\$0.00			\$0.00 \$0.00	\$10.20
(1.000) brrf318 rolor Miscellaneou Miscellaneou Credit Other Road Test Miscellaneou	us Parts ghl, Teny (1.00) us Labor us Parts	\$0.00	\$0.00	\$0.00 \$10.20			\$10.20
(1.000) brrf318 rolor Miscellaneou M0053 - Kni Miscellaneou Credit Other Road Test Miscellaneou Miscellaneou M0053 - Kni	us Parts ght, Terry (1.00) us Labor us Parts ght, Terry (0.30)	\$0.00	\$0.00	\$0.00 \$10.20 \$10.20			\$10.20
(1.000) brrf318 rolor Miscellaneou M0053 - Kni Miscellaneou Credit Other Road Test Miscellaneou M0053 - Kni Miscellaneou	us Parts ght, Terry (1.00) us Labor us Parts ght, Terry (0.30)		\$0.00	\$0.00 \$10.20			\$10.20
(1.000) brrf318 rolor Miscellaneou M0053 - Kni Miscellaneou Credit Other Road Test Miscellaneou M0053 - Kni Miscellaneou Credit	us Parts ght, Terry (1.00) us Labor us Parts ght, Terry (0.30)	\$0.00 \$0.00	\$0.00	\$0.00 \$10.20 \$10.20		\$0.00	\$10.20
(1.000) brrf318 rolor Miscellaneou M0053 - Kni Miscellaneou Credit Other Road Test Miscellaneou M0053 - Kni Miscellaneou	us Parts ght, Terry (1.00) us Labor us Parts ght, Terry (0.30)		\$0.00	\$0.00 \$10.20 \$10.20			\$10.20
(1.000) brrf318 rolor Miscellaneou M0053 - Kni Miscellaneou Credit Other Road Test Miscellaneou M0053 - Kni Miscellaneou Credit	us Parts ght, Terry (1.00) us Labor us Parts ght, Terry (0.30)		\$0.00	\$0.00 \$10.20 \$10.20	\$0.00	\$0.00	\$10.20 <u>\$222.31</u>
(1.000) brrf318 rolor Mitscellaneou M0053 - Kni Mitscellaneou Credit Other Road Test Mitscellaneou Credit Other Credit Other	us Parts ght, Terry (1.00) us Labor us Parts ght, Terry (0.30)	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$178.11	\$0.00 \$10.20 \$10.20 \$0.00 \$44.20 K8AR0EGC27(	\$0.00 License	\$0.00 \$0.00 \$0.00	
(1.000) brrf318 rolor Mitscellaneou M0053 - Kni Mitscellaneou Credit Other Road Test Mitscellaneou Credit Other Credit Other	us Parts ghi, Tenry (1.00) us Labor us Parts ghi, Tenry (0.30) us Labor	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$178.11 VIN: 1FM5 Milles: 58,08	\$0.00 \$10.20 \$10.20 \$0.00 \$44.20 K8AR0EGC27(	License	\$0.00 \$0.00 \$0.00	
(1.000) brrf318 rolor Mitscellaneou M0053 - Kni Mitscellaneou Credit Other Road Test Mitscellaneou Credit Other Credit Other	us Parts gih, Tenry (1.00) us Labor ghi, Tenry (0.30) us Labor Interceptor Utility	\$0.09 \$0.00 No I	\$0.00 \$0.00 \$0.00 \$178.11 VIN: 1FM5 Miles: 58.08 Meter: 0.0 atlon: 02-Sh	\$0.00 \$10.20 \$10.20 \$0.00 \$44.20 K6AR0EGC27( 0.0	License No	\$0.00 \$0.00 \$0.00 Plate: Meter: 0.0 fment: 1251-Si	\$222.31
(1.000) brrf318 rolor Mitscellaneou M0053 - Kni Mitscellaneou Credit Other Road Test Mitscellaneou Credit Other Credit Other	us Parta (h, Terry (0.30) us Labor ghi, Terry (0.30) us Labor Interceptor Utility Receil:	\$0.00 \$0.00 No Loc	\$0.00 \$0.00 \$0.00 \$178.11 VIN: 1FM5 Miles: 58.08 Meter: 0.0 ation: 02-Sh align #	\$0.00 \$10.20 \$10.20 \$0.00 \$44:20 K6AR0EGC27( 0.0 eriffs	License No Depar	\$0.00 \$0.00 \$0.00 Plate: Meter: D.D tment: 1251-Si Date:	\$222.31 heri <b>ffs</b>
(1.000) brr1318 rolar Miscellaneo: Miscellaneo: Credit Other Road Test Miscellaneo: Credit Other 9304: 2014 Ford 1	us Parta John, Terry (1.00) us Labor ghi, Terry (0.30) us Labor Interceptor Utility Receilit Dace Date	\$0.09 \$0.00 No I	\$0.00 \$0.00 \$0.00 \$178.11 VIN: 1FM5 \$0,09 Wiler: 0.0 atlon: 02-Sh atgr: # atgr: # atgr: #	\$0.00 \$10.20 \$10.20 \$0.00 \$44.20 K6AR0EGC27( 0.0	License No Depar	\$0.00 \$0.00 \$0.00 Plate: Meter: D.D tment: 1251-Si Date:	\$222.31
(1.000) brrf318 rolar Miscellaneou M0053 - Kni Miscellaneou Credit Other Road Test Miscellaneou Credit Other 9304: 2014 Ford	us Parta Joh, Terry (1.00) us Lebor us Perta ghi, Terry (0.30) us Labor us Labor us Labor Unterceptor Utility Receit: Danc Data 03/22/2017	\$0.00 \$0.00 Loc Camp <u>Close Dat</u> 03/22/201	\$0.00 \$0.00 \$0.00 \$178.11 VIN: 1FM5 \$0,09 Wiler: 0.0 atlon: 02-Sh atgr: # atgr: # atgr: #	\$0.00 \$10.20 \$10.20 \$0.00 \$44.20 K6AR0EGC27( 0.0 eriffs alus	License No Depar Downlim	\$0.00 \$0.00 \$0.00 Plate: Meter: D.D tment: 1251-Si Date:	\$222.31 heri <b>ffs</b>
(1.000) brr1318 rolar Miscellaneo: Miscellaneo: Credit Other Road Test Miscellaneo: Credit Other 9304: 2014 Ford 1	us Parta John, Terry (1.00) us Labor ghi, Terry (0.30) us Labor Interceptor Utility Receilit Dace Date	\$0.00 \$0.00 Loc Camp <u>Close Dat</u> 03/22/201	\$0.00 \$0.00 \$0.00 \$178.11 VIN: 1FM5 \$0,09 Wiler: 0.0 atlon: 02-Sh atgr: # atgr: # atgr: #	\$0.00 \$10.20 \$10.20 \$0.00 \$44.20 K6AR0EGC27( 0.0 eriffs alus	License No Depar Downlim	\$0.00 \$0.00 \$0.00 Plate: Meter: D.D tment: 1251-Si Date:	\$222.31 heri <b>ffs</b>

#### Work Order Detail

					IN UIUei	
			Labor	Times	Olher	لمنولا
Service A			647.00		\$0.00	\$17.00
Light Check		\$0.00 \$0.00	\$17.00		40.00	411.00
Miscellaneous Parts		\$0.00	\$17.00			
M0053 - Knight, Terry (0.50) Miscellaneous Labor		10	\$0.00			
Credit	\$0.00					
Other	40,00				\$0.00	
Lube, Oll & Filter		\$35.75	\$17.00		\$0.00	\$52.75
5W20 SYN: SYNTHETIC ENGINE OIL (6.000)		\$24.84				
OF22500: OIL FILTER (1.000)		\$1,71				
DRUM GREASE: DRUM		\$0.80				
GREASE SUPER (5.000)						
AF10242: AIR FLTR		\$5.17				
INTERCEPTO (1.000)						
Shop supplies: Shop supplies		\$3.23				
(1.000)		\$0.00				
Miscellaneous Parts		\$0.00	\$17.00			
M0053 - Knight, Terry (0.50)			\$0.00			
Miscellaneous Labor	\$0.00		00.00			
Credit Olher	40.00				\$0.00	
Tire Rotation		\$0.00	\$13.60		\$0.00	\$13.60
Miscellaneous Parts		\$0.00				
M0053 - Knighl, Terry (0.40)			\$13.60			
Miscellaneous Labor			\$0.00			
Credit	\$0.00					
Other					\$0.00	
Service B					\$0.00	\$0.00
Check Brakes		\$0.00	\$0.00		40.00	90.40
Miscellaneous Parts		\$0.00	\$0.00			
M0053 - Knight, Terry (0.00)	AVEROV		90.00			
Labor Commente: BF Miscellaneous Labor			\$0.02			
Credit	\$0.00					
Olher	30 00				\$0,00	
Replace Fuel Filter		\$15.00	\$3,40		\$0.00	\$19.40
44K: INJ CLEANER (1.000)		\$16.00				
Miscellaneous Parts		\$0.00				
M0053 - Knight, Terry (0.10)			\$3.40			
Miscellaneous Labor			\$0.00			
Credit	\$0.00				\$0.00	
Other						
Preventive Maintenance		\$4.01	\$17.00		\$0.00	\$21.01
CF1230: CABIN FILTER		\$4.01				
(1-000)						
Miscellaneous Parts		\$0.00				
M0053 - Knight, Terry (0.50)			\$17-00			
Miscellaneous Labor			\$0.00			
Credil	\$0.00				\$0.00	
Other					20100	
	\$0.00	\$55.78	\$68.00	\$0.00	\$0.00	<u>\$123.76</u>
304: 2014 Ford Interceptor Utility	- 22	VIN: 1FM5	(8AR0EGC27(	License	Plate:	
	No	Mater: 0.0		No I	Meler: 0.0	
		ation: 02-Sh	eriffs		ment: 1251-Sherif	fs
		align #			Date:	
Recall:						

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07/23/2020 9:41 AM

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#### Work Order Detail

	Extornal WO:	Venc	ior: 133 - 5	SHERIFF		nv#: 178445		
WO# 140537	Open Date 04/27/2017	Close Date 04/27/2017		bsed	Downtime 0.00		dent	
	Description:	Replaced 4 tires						
Detall		Discounts	Parts	Labor	Ticas	Other	Total	
		\$0.00	\$0,00	\$0,00	\$560.00	\$0,00	\$560.00	
304: 2014 Ford Ini	lerceptor Utility		/IN: 1FM5	KBAR0EGC27(	License P	late:		
		Local	ter: 0.0 on: 02-Sh	eriff's	No Meter: 0.0 Department: 1251-Sheriff's			
	Recall: External WO:	Campal		SHERIFF OIL		)ate: nv#: 169717*	13	
						PO#:	Ident	
WO# 141186	Open Date 09/15/2017	Close Date 09/15/2017		atus osed	Downtime 0.00	Acc	(CHI)	
Detall Service A		Discounts	Paris	Labor	Tires	Other	Total	
Light Check			\$0.00 \$0.00	\$0.00		\$0.00	\$0.00	
Miscellaneous			\$0.00	\$0.00				
Credit		\$0.00		- 1997		50.00		
Other Lube, Ol & Filter			\$30.95	\$0.00		\$0.00	\$30.95	
Miscellaneous	Parts		\$30.95					
Miscellaneous Credit	Labor	\$0.00		\$0.00				
Other		\$0.00				\$0.00		
Tire Rotation			\$0.00	\$0.00		\$0.00	\$0.00	
Miscellaneous Miscellaneous			\$0.00	\$0.00				
Credit	Cabor	\$0.00		40,00				
Other						\$0.00		
		\$0.00	\$30.95	\$0.00	\$0.00	\$0.00	\$20.95	
304: 2014 Ford In	terceptor Utility		VIN: 1FM5	KBARÖEGC27( 5.0	License P	lale:		
		Locat	ion: 02-Sh	eriffs	No Meter: 0.0 Department: 1251-Sheriff's Date:			
WO #	Recall: Open Date 11/02/2017	Campal <u>Close Date</u> 11/02/2017	St	latus	Downilma 0.00		Ident	
141211	Description:		CI	0300	0,00			
Detail	Description	Discounts	Parts	Labor	Tires	Other	Total	
Electrical	2211202200		\$116.95	\$17.00		\$0.00	\$133.95	
MIP-05: BAT Miscellaneous	TERY (5.000)		\$116.95 \$0.00					
	hl. Terry (0.50)		•	\$17.00				
Credit	Labor	\$0.00		40.00				
Other						\$0,00		
		\$0.00	\$116.95	\$17,00	\$0,00	\$0.00	\$133.95	

Location:Department:1251-Sheriff's DataWO & WO & It1477Open Date O (177/2018Close Date O (177/2018Status Status DataDepartment:1251-Sheriff's DataWO & It1477Open Date O (177/2018Close J O (177/2018Status DataDepartment:1251-Sheriff's DataDescription:APM/BPMCPMOPMOPMURGE VALVE DataTimes DataOtherTotalDataDisconnita DataStatis LaborLaborTotal StatisMOS3 - Kingh, Terry (0.50) Uber Comments: MVI Miscellaneous Babor Other\$0.00\$17.00\$0.00\$17.00Mos2 - Kingh, Terry (0.50) Department: StatisStatis Statis\$0.00\$17.00\$0.00\$17.00Mos2 - Kingh, Terry (0.50) Department: Statis\$0.00\$17.00\$0.00\$0.00\$0.00Credit Other\$0.00\$13.80\$0.00\$0.00\$10.80Druce Rescis\$0.00\$17.00\$13.80\$10.00\$13.80Druce Rescis\$0.00\$13.00\$10.00\$13.80\$0.00\$13.80Order Horder Other\$0.00\$13.00\$10.00\$13.80\$0.00\$13.80Moto3 - Kingh, Terry (0.40) Miscellaneous Parts Data\$0.00\$13.00\$10.00\$13.80Moto3 - Kingh, Terry (0.40) Miscellaneous Parts Data\$0.00\$10.00\$13.80\$10.00Service B Check Brakes Check Brakes Check Brakes Check Brakes Check Brakes Data\$0.00\$10.00\$10.00	104: 2014 Ford Interc	aptor Utility	Mile No Mete	a: 71.7			Muter: 0.0	ariff a
WC.1         Open Data         Cicase Data         Status         Description:         Accidant           141477         Discription:         APM/BPM/CPM/DPM/URGE VALVE         Tatas         Othar         Tatal           Barrier A         Description:         APM/BPM/CPM/DPM/URGE VALVE         Tatas         Othar         Tatal           Barrier A         S0.00         \$17.00         \$0.00         \$17.00         \$17.00           Miccellances Parts         \$0.00         \$17.00         \$0.00         \$0.00         \$17.00           Miscellances Labor         \$0.00         \$13.80         \$0.00         \$13.80         \$0.00         \$0.00         \$13.80         \$0.00         \$0.00         \$13.80         \$0.00		Recall			heriffs			erins
Datali         Discounts         Paris         Labor         Tiras         Othar         Tatal           Service A         \$0,00         \$17.00         \$0.00         \$17.00         \$17.00         \$17.00           Miccelaneous Parts         \$0,00         \$17.00         \$1.30         \$17.00 </td <td>WO# 141477</td> <td>Onen Date</td> <td>Close Date</td> <td>S</td> <td></td> <td></td> <td>Acci</td> <td>dant</td>	WO# 141477	Onen Date	Close Date	S			Acci	dant
Datali         Discounts         Paris         Labor         Tiras         Othar         Tatal           Service A         \$0,00         \$17.00         \$0.00         \$17.00         \$17.00         \$17.00           Miccelaneous Parts         \$0,00         \$17.00         \$1.30         \$17.00 </td <td></td> <td>Depertuiters</td> <td></td> <td>DM/DL ID</td> <td></td> <td></td> <td></td> <td></td>		Depertuiters		DM/DL ID				
Sarvice A Light Check Miccellaneous Parts         S0.00 S17.00         \$17.00 S17.00         \$0.00 S17.00         \$17.00 S0.00         \$17.00           Miccellaneous Parts         \$0.00 Check         \$17.00         \$0.00 S17.00         \$17.00         \$17.00           Miccellaneous Parts         \$0.00 Check         \$0.00         \$17.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$20.00         \$1.30         \$17.00         \$0.00         \$0.00           Diversion         \$0.00         \$1.00         \$0.00         \$0.00         \$0.00           DRUM GreekSE: DRUM         \$0.85         \$0.00         \$1.00         \$0.00         \$1.00           DRUM GreekSE: DRUM         \$0.00         \$1.00         \$0.00         \$1.00         \$0.00           Modes: Inscription (6.00)         \$0.00         \$1.00         \$0.00         \$0.00         \$0.00           Modes: Inscription (5.00)         \$0.00         \$1.00         \$0.00         \$0.00         \$0.00           Modes: Inscription (5.00)         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Modes: Inscription (5.00)         \$0.00         \$0.00 <t< td=""><td>Detail</td><td></td><td></td><td></td><td></td><td>Tires</td><td>Other</td><td>Total</td></t<>	Detail					Tires	Other	Total
Light Check 50.00 \$17.00 \$0.00 \$17.00 \$0.00 \$17.00 Miccellaneous Parts 50.00 \$17.00 \$0.00 Other \$0.00 \$0.00 Other \$0.00 \$0.00 \$0.00 Structure \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$50.03 \$10.00 \$10.00 \$1.30 \$17.00 \$0.00 \$50.03 \$10.00 \$10.00 \$1.30 \$17.00 \$0.00 \$1		-						
Micecilaneous Parts         \$0.00           Mido3 - Kright, Terry (0.50)         \$17.00           Labor Comments: MV         \$0.00           Circedi         \$0.00           Circedi         \$0.00           Circedi         \$0.00           Circedi         \$0.00           Circedi         \$0.00           Differ         \$13.03           Exolative Circedi         \$0.00           Or SYN: SYNTHETIC         \$33.03           Exolative Circedi         \$0.00           Or SYN: SYNTHETIC         \$3.00           Exolative Circedi         \$0.00           OR SYN: SYNTHETIC         \$1.38           DRUM GREASE: DPRUM         \$0.55           GREASE SUPER (5000)         \$1.00           Art 10222, AIR FLTR         \$4.64           InterCeleptic (1,000)         \$1.30           Other         \$0.00           Circedi         \$0.00           Other         \$0.00           Circedi         \$0.00           Circedi         \$0.00           Circedi         \$0.00           Other         \$0.00           Soudo         \$0.00           Circedi         \$0.00				\$0.00	\$17.00		\$0.00	\$17.00
M0053 - Knight, Terry (0.50)         \$17.00           Labor Comments: MVI         \$0.00           Other         \$0.00           Differ         \$17.00           SW02 SYL:SYNTHETIC         \$33.03         \$17.00           SW02 SYL:SYNTHETIC         \$32.616         \$0.00           Credit         \$0.00         \$0.00           SW02 SYL:SYNTHETIC         \$32.616         \$0.00           Credit         \$0.00         \$1.38           DRUM GREASE: DRUM         \$0.00         \$0.00           Credit         \$0.00         \$1.00           Micselaneous Labor         \$0.00         \$1.00           Micselaneous Labor         \$0.00         \$0.00           Credit         \$0.00         \$1.3.00           Micselaneous Labor         \$0.00         \$0.00           Credit         \$0.00         \$0.00		ris						
Labor Comments: MVI         S0.00           Credit         \$0.00           Other         \$3.00           SW23 STN: SYNTHETIC         \$3.25           SW23 STN: SYNTHETIC         \$26.16           SW22 STN: SYNTHETIC         \$26.16           SW23 STN: SYNTHETIC         \$26.16           SW23 STN: SYNTHETIC         \$4.84           INTERCEPTO (1.000)         \$1.38           DRUM GREASE: DRUM         \$4.055           GREASE SUPER (5000)         \$17.00           Miscellaneous Parts         \$0.00           Miscellaneous Labor         \$0.00           Other         \$0.00           Soulder         \$0.00           Credit         \$0.00           Miscellaneous Labor         \$0.00					\$17.00			
Miscellaneous Labor Credit Uther         \$0.00 Structure, 018 Filter			MVI					
Other         S0.00           Cube, Oli & Filter         \$33.03         \$17.00         \$0.00           SW205 SYN: SYNTHETIC         \$26.16         \$0.00         \$50.03           ENCINE OLI (6000)         \$1.36         \$17.00         \$0.00           OFZ2500: OLI FILTER (1000)         \$1.35         \$0.00         \$0.05           OFZ2500: OLI FILTER (1000)         \$1.36         \$0.00         \$0.00           OFZ2500: OLI FILTER (1000)         \$1.55         \$0.00         \$0.00           Micelaneous Parts         \$0.00         \$0.00         \$0.00           M0003: Knight, Terry (0.50)         \$12.60         \$1.00         \$13.60           Miscelaneous Labor         \$0.00         \$13.00         \$10.00           Miscelaneous Labor         \$0.00         \$0.00         \$0.00           Check Brake         \$0.00         \$0.00         \$0.00           Miscelaneous Labor         \$0.00         \$0.00         \$0.00 <td></td> <td></td> <td></td> <td></td> <td>\$0.00</td> <td></td> <td></td> <td></td>					\$0.00			
Lube, Oli & Filter 13.0.3 SW02 SY1:SYNTHETC \$23.6.6 SW02 SY1:SYNTHETC \$23.6.6 EX001NE OLI (6.000) OF22500: 01 EITER (1.000) ST.38 DRUM GREASE: DRUM GREASE DRUM GREASE DRUM Miscelaneous Labor \$0.00 Credit \$0.00 Source B Miscelaneous Labor Comments: BRAKES OK Miscelaneous Labor S0.00 Credit \$0.00 Source B Credit \$0.00 Credit \$0.00 Source B Credit \$0.00 Credit \$0.00 Credit \$0.00 Credit \$0.00 Credit \$0.00 Credit \$0.00 Source B Credit \$0.00 Credit \$0.00 Credit \$0.00 Credit \$0.00 Source B Credit \$0.00 Credit \$0.00 Source B Credit \$0.00 Credit \$0.00 Source B Credit \$0.00 Credit \$0.00 Source B Credit \$0.00 Source B Credit \$0.00 Source B Credit \$0.00 Source B Credit \$0.00 Source C Credit \$0.00 Sou			\$0.00					
List Synthetics         \$26,16         \$1000           ENCINE OL (6,000)         \$1,38           DRUM GREASE: DRUM         \$0,55           AF10222, 101, FILTER (1,000)         \$1,38           DRUM GREASE: DRUM         \$0,55           AF1022, 101, FILTER (1,000)         \$1,38           DRUM GREASE: DRUM         \$0,00           AF1022, 101, FILTER (1,000)         \$1,000           Macalianeous Parts         \$0,00           ModeS1 - Knight, Terry (0,50)         \$1,000           Other         \$0,00           Other         \$0,00           ModS3 - Knight, Terry (0,40)         \$13,00           Miscellaneous Parts         \$0,00           Other         \$0,00           Source B         Check Parkes           Check Parkes         \$0,00           Miscellaneous Labor         \$0,00           Other         \$0,00           Source B         \$0,00           Check Parkes         \$0,00           Miscellaneous Labor         \$0,00           Other         \$0,00           Miscellaneous Labor         \$0,00           Credit         \$0,00           Other         \$0,00           Parkes Thur BLEAM (1,000)	Other							
ENOME OIL (6.00)         51.38           DR2050 (10.111TER (1.00))         \$1.38           DRUM GREASE: DRUM         \$0.55           GREASE SUPER (50.00)         \$1.464           HITERCEPT (50.00)         \$1.00           Miscellaneous Labor         \$0.00           Credit         \$0.00           MOS3 - Knight, Terry (0.40)         \$13.80           Miscellaneous Labor         \$0.00           Credit         \$0.00           Service B         \$0.00           Credit         \$0.00           MMOS3 - Knight, Terry (0.00)         \$38.00           Miscellaneous Labor         \$0.00           Credit         \$0.00           MMOS3 - Knight, Terry (1.00)         \$38.00           Miscellaneous Labor         \$0.00           Credit         \$0.00           Soloo         \$0.00           S	Lube, Oll & Filter				\$17,00		\$0.00	\$50.03
ENGINE OIL (6.00) OF2250: 01-EUTER (10:00) ST.250: 01-EUTER (10:00) ST.250: 01-EUTER (10:00) AFI BASE DAVID 11 (0) ST.250: 01-EUTER (10:00) AFI BASE AND		THETIC	:	\$26.16				
Dirk/M GreEASE: DRIVM GREASE SUPER (5000) AF10242: AIR FLTR         \$0.85           GREASE SUPER (5000) Maselaneous Parts         \$0.00           M0003: Knight, Terry (0.50) Miselaneous Parts         \$0.00           Other         \$0.00           Other         \$0.00           Miselaneous Barts         \$0.00           Miselaneous Parts         \$0.00           Other         \$0.00           The Retaineous Parts         \$0.00           Miselaneous Parts         \$0.00           Miselaneous Parts         \$0.00           Miselaneous Labor         \$0.00           Creeki         \$0.00           Service B         \$0.00           Creeki         \$0.00           M0023: Knight, Terry (0.00)         \$0.00           Moselaneous Labor         \$0.00           Creeki         \$0.00           M003: Knight, Terry (0.00)         \$0.00           Miscelaneous Labor         \$0.00           Creeki         \$0.00           Miscelaneous Barts         \$0.00           Miscelaneous Labor         \$0.00           Creeki         \$0.00           Miscelaneous Barts         \$0.00           Miscelaneous Barts         \$0.00           Mis	ENGINE OIL (6.0	00)						
DRUM GREASE: DRUM GREASE SUPER (5000) AF10242: AIR FLTR         \$4.85           AF10242: AIR FLTR         \$4.84           InitTERCEPTC (1,000) Miscellaneous Parts         \$0.00           Miscellaneous Labor         \$0.00           Credit         \$0.00           Credit         \$0.00           Miscellaneous Labor         \$0.00           Credit         \$0.00           Miscellaneous Labor         \$0.00           Credit         \$0.00           Micellaneous Labor         \$0.00           Credit         \$0.00           Sorvice B         \$0.00           Credit         \$0.00           Sorvice B         \$0.00           Credit         \$0.00           MO023 - Knight, Teny (0.00)         \$0.00           Miscellaneous Parts         \$0.00           MO023 - Knight, Teny (0.00)         \$34.00           Miscellaneous Labor         \$0.00           Credit         \$1.00           Viber         \$0.00           Solution         \$0.00           Miscellaneous Labor         \$0.00           Credit         \$0.00           Miscellaneous Labor         \$0.00           Credit         \$0.00								
AF 10242: AIR FLTR         \$4,84           INTERCEPTIO (1000)         S0,00           Masselaneous Parts         \$0,00           ModS3 - Knight, Terry (0,00)         \$0,00           Miselaneous Parts         \$0,00           Miselaneous Parts         \$0,00           Miselaneous Labor         \$0,00           Cirker         \$0,00           Miselaneous Labor         \$0,00           Creation         \$0,00           Service B         \$0,00           Check Brakes         \$0,00           MOS3 - Knight, Terry (0,00)         \$13,80           Miselaneous Labor         \$0,00           Creation         \$0,00           Service B         \$0,00           Check Brakes         \$0,00           MOS3 - Knight, Terry (0,00)         \$34,00           Labor Comments: BRAKES OK         \$0,00           Credit         \$34,00           Other         \$0,00           Solucit         \$34,00           Miscelaneous Labor         \$0,00           Credit         \$30,00           Miscelaneous Labor         \$0,00           Other         \$0,00           Sol.00         \$0,00           Sol.00				\$0.85				
INTERCEPTO (1000)         \$10.00           Mascellaneous Parts         \$0.00           Mascellaneous Parts         \$0.00           Credit         \$0.00           Credit         \$0.00           Credit         \$0.00           MO033 - Knight, Terry (0.50)         \$13.80           MO033 - Knight, Terry (0.60)         \$13.80           MO053 - Knight, Terry (0.60)         \$0.00           MO053 - Knight, Terry (0.60)         \$0.00           Mo053 - Knight, Terry (0.60)         \$0.00           Miscelaneous Labor         \$0.00           Credit         \$0.00           Sorvice B         \$0.00           Credit Grains         \$0.00           Other         \$0.00           Sorvice B         \$0.00           Credit Grainseus Parts         \$0.00           Moos2i - Knight, Terry (0.00)         \$13.80           MO053 - Knight, Terry (0.00)         \$0.00           Moos2i - Knight, Terry (0.00)         \$0.00           Credit         \$0.00           Other         \$0.00           Paptice F Dett Filter         \$38.00           Other         \$0.00           Solution         \$0.00           Solution         \$0.00<	GREASE SUPER	(5,000)						
Mascellanzous Parts M0005 - Knight, Terry (0.00) Miscellanzous Labor         S0.00 S0.00         S17.00 S0.00         S0.00 S0.00         S17.00 S0.00         S0.00 S0.00         S13.60           Tre Rotation         S0.00 Miscellanzous Labor         S0.00 S0.00         S13.60         S13.60         S13.60           Miscellanzous Labor         S0.00 Creat         S0.00         S13.80         S13.60         S13.60           Miscellanzous Labor         S0.00 Creat         S0.00         S13.60         S10.00         S10.00           Service B         Check Brake         S0.00 M0053 - Knight, Terry (0.00)         S0.00         S0.00         S0.00           Mocellanzous Labor         S0.00 Other         S0.00         S0.00         S0.00         S0.00           Mocellanzous Labor         S0.00 Other         S0.00         S0.00         S0.00         S0.00           Mocellanzous Labor         S0.00 Other         S0.00         S0.00         S0.00         S0.00           Miscellanzous Labor         S0.00 Creat         S0.00         S0.00         S0.00         S0.00           Service C         S0.00         S0.00         S0.00         S0.00         S0.00         S0.00           Miscellanzous Labor         S0.00         S0.00         S0.00         S0.				\$4,64				
N0003 - Knight, Terry (0.50)         \$17.00           Miscelaraeous Labor         \$0.00           Credit         \$0.00           Other         \$0.00           Miscelaraeous Labor         \$0.00           Credit         \$0.00           Miscelaraeous Labor         \$0.00           Credit         \$0.00           Miscelaraeous Parts         \$0.00           Miscelaraeous Labor         \$0.00           Credit         \$0.00           Service 8         \$0.00           Chek Brake         \$0.00           Modelareous Parts         \$0.00           Modelareous Labor         \$0.00           Credit         \$0.00           Miscelareous Labor         \$0.00           Credit         \$0.00           Viter         \$0.00           Viter         \$0.00           Viter         \$0.00           Viter         \$0.00           Viter         \$0.00           Solution         \$0.00           Soluti	INTERCEPTO (1	.000)						
Missellaments Labor         \$0.00           Credit         \$0.00           Other         \$0.00           The Rotation         \$0.00           Missellaments Labor         \$0.00           Credit         \$0.00           Other         \$0.00           Credit         \$0.00           Other         \$0.00           Other         \$0.00           Credit         \$0.00           Other         \$0.00           Moots - Knight, Teny (1.00)         \$34.00           Moots - Knight, Teny (1.00)         \$34.00           Moots - Knigh				\$0.00				
Credit         S0.00         S1.00           Other         S0.00         \$13.60           Micelaneous Parts         S0.00         \$13.60           Micelaneous Labor         S0.00         \$13.80           Micelaneous Labor         S0.00         \$13.80           Cher         S0.00         \$13.80           Micelaneous Labor         S0.00         \$0.00           Cher Grake         S0.00         \$0.00           Service B         S0.00         \$0.00           Check Grake         S0.00         \$0.00           MO023 - Knight, Terry (0.00)         \$0.00         \$0.00           Micelaneous Parts         \$0.00         \$0.00           Credit         S0.00         \$0.00           MO023 - Knight, Terry (0.00)         \$34.00         \$0.00           Other         \$0.00         \$34.00         \$0.00           Service C         S0.00         \$34.00         \$0.00           Service C         \$0.00         \$34.00         \$0.00           Other         \$0.00         \$34.00         \$0.00           Service C         \$0.00         \$11.00         \$0.00           Other         \$0.00         \$10.8.4           O								
Other         S0.00         S0.00           Miscelaneous Parts         \$0.00         \$13.60           Miscelaneous Parts         \$0.00         \$13.60           Miscelaneous Parts         \$0.00         \$13.60           Miscelaneous Labor         \$0.00         \$13.60           Other         \$0.00         \$0.00           Sourice B         \$0.00         \$0.00           Check Parkes         \$0.00         \$0.00           Miscelaneous Labor         \$0.00         \$0.00           Miscelaneous Parts         \$0.00         \$0.00           Miscelaneous Labor         \$0.00         \$0.00           Credit         \$0.00         \$0.00           Miscelaneous Labor         \$0.00         \$0.00           Credit         \$0.00         \$0.00           Other         \$0.00         \$0.00           Parkes Further Fliver         \$0.00         \$0.00           Other         \$0.00         \$0.00           Parkes Further Thild         \$14.00         \$0.00           Voltar Parket         \$0.00         \$0.00           Sevice C         \$0.00         \$10.84           Change Transmission Fluid         \$14.84         \$10.90		bor			\$0.00			
Ture Relation         \$0.00         \$13.60         \$0.00         \$13.60           Miscelaneous Parts         \$0.00         \$13.80         \$13.80           Miscelaneous Labor         \$0.00         \$13.80         \$13.80           Other         \$0.00         \$13.80         \$10.00           Service 8         \$0.00         \$0.00         \$0.00           Credit Grakes         \$0.00         \$0.00         \$0.00           Miscelaneous Labor         \$0.00         \$0.00         \$0.00           Service 8         \$0.00         \$0.00         \$0.00           Miscelaneous Parts         \$0.00         \$0.00         \$0.00           Miscelaneous Labor Comments: BRAKES OK         \$0.00         \$0.00         \$0.00           Credit Bruke Fuel Filter         \$34.00         \$0.00         \$0.00           Credit Socialmeous Labor Comments: BRAKES OK         \$0.00         \$0.00         \$0.00           Credit Terve         \$36.00         \$34.00         \$0.00         \$0.00           Credit Terve         \$36.00         \$0.00         \$0.00         \$0.00           Mo023 - Knight, Terry (1.00)         \$34.00         \$0.00         \$0.00           Service C         Credit \$1.00         \$10.00			\$0.00				*0.00	
Mitocalianions Parts         \$0,00         Clock         Fill Mitocalianions Parts         \$0,00         Status           M0053 - Knight, Terry (0,40)         \$13,00         \$13,00         Status         Status </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>612.00</td>								612.00
M0053 - Knight, Terry (0,40)         \$13,80           Miscelameous Labor         \$0.00           Credit         \$0.00           Service B         \$0.00           Check Erakes         \$0.00           Miscelameous Labor         \$0.00           Service B         \$0.00           Check Erakes         \$0.00           Miscelameous Cabor         \$0.00           Miscelameous Parts         \$0.00           Miscelameous Labor Comments: BRAKES OK         \$0.00           Labor Comments: BRAKES OK         \$0.00           Other         \$0.00           Station Clance (Leak) (1.000)         \$34.00           Valiscelameous Labor         \$0.00           Other         \$0.00           Station Clance (Leak) (1.000)         \$34.00           M0023 - Knight, Terry (1.00)         \$34.00           Motor (Leak) (1.000)         \$34.00           Motor (Leak) (1.000)         \$11.00           Service C         \$1.00           Credit         \$0.00           Other         \$0.00           Service C         \$1.00           Change Transmission Fluid         \$1.00           Other         \$0.00           Sol.00         \$10.84<					\$13.60		\$0.00	\$15,00
Miscellaneous Labor         \$0.00           Credit         \$0.00           Service 8         \$0.00           Check Brakes         \$0.00           Miscellaneous Parts         \$0.00           MOOS - Knight, Terry (0.00)         \$0.00           Moos - Knight, Terry (1.00)         \$0.00           Credit         \$1.00           Moos - Knight, Terry (1.00)         \$1.00           Other         \$0.00           Credit         \$1.00           Other         \$1.00           Parlies Fuel Filter         \$1.00           Miscellaneous Labor         \$0.00           Credit         \$0.00           Miscellaneous Labor         \$0.00           Credit         \$0.00           Miscellaneous Labor         \$0.00           Source C         \$0.00           Credit         \$0.00           Service C         \$0.00           Change Teraemission Fluid         \$1.02           Other         \$0.00           Service C         \$0.00           Change Teraemission Fluid         \$1.02           Other Moos > Knight, Terry (1.00)         \$1.02           Other Service C         \$0.00           Change Terae				\$0,00	£42.00			
Credit Other         \$0.00         \$0.00           Service B Check Erakes         \$0.00         \$0.00         \$0.00           Service B Check Erakes         \$0.00         \$0.00         \$0.00           M0523 - Knight, Teny (0.00) Labor Comments: BRAKES OK Credit         \$0.00         \$0.00           Z02: ND CLENN (1.000)         \$36.00         \$0.00           Z02: ND CLENN (1.000)         \$36.00         \$0.00           M0023 - Knight, Teny (1.00)         \$34.00         \$0.00           M0023 - Knight, Teny (1.00)         \$34.00         \$0.00           M0023 - Knight, Teny (1.00)         \$34.00         \$0.00           Service C Credit         \$0.00         \$0.00           Service C Chango Transmission Fluid 310: PNS ATC (1.000)         \$108.84           310: PNS ATC (1.000)         \$33.00           M0023 - Knight, Teny (1.00)         \$34.00           Monter C Chango Transmission Fluid 310: PNS ATC (1.000)         \$108.84           310: PNS ATC (1.000)         \$34.00								
Other         \$0,00           Service B         \$0,00         \$0,00         \$0,00           Service B         \$0,00         \$0,00         \$0,00         \$0,00           Misculaneous Parts         \$0,00         \$0,00         \$0,00         \$0,00           Misculaneous Labor         Credit         \$30,00         \$0,00         \$0,00           Other         \$30,00         \$30,00         \$0,00         \$70,00           Papiese Fuel Filter         \$36,00         \$0,00         \$70,00           Valscellaneous Parts         \$0,00         \$30,00         \$70,00           Valscellaneous Labor         \$0,00         \$30,00         \$70,00           Valscellaneous Labor         \$0,00         \$30,00         \$70,00           Credit         \$0,00         \$30,00         \$0,00           Miscellaneous Labor         \$0,00         \$30,00         \$0,00           Service C         \$0,00         \$0,00         \$0,00           Credit         \$20,00         \$0,00         \$0,00           Service C         \$0,00         \$108,84         \$0,00           Other         \$0,00         \$10,00,1         \$11,00           OLCOBALTRANE.SYNATYE         \$20,00		lbor	#0.00		\$0.00			
Service B         Source         Sour			\$0.00				\$0.00	
Check Brakes         \$0.00         \$0.00         \$0.00         \$0.00           Miscellaneous Parts         \$0.00         \$0.00         \$0.00         \$0.00           Miscellaneous Labor Comments: BRAKES OK         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           MO023 - Knight, Teny (10.00)         \$34.00         \$0.00         \$70.00           Miscellaneous Parts         \$0.00         \$0.00         \$0.00           Miscellaneous Parts         \$0.00         \$0.00         \$0.00           Mo023 - Knight, Teny (1.00)         \$34.00         \$0.00         \$0.00           Credit         \$0.00         \$0.00         \$0.00           Service C         \$0.00         \$0.00         \$0.00           Chango Transmission Fluid         \$11.00         \$10.84         \$10.84           310: PMS ATC (1.000)         \$11.00         \$10.00         \$0.00           Service C         \$11.00         \$11.00         \$10.84           316: PMS ATC (1.000)         \$11.00         \$10.00         \$0.00           Moscellaneous Parts         \$0.00         \$0.00         \$0.00	Olio							
Miscultaneous Parts         \$0,00           M0053 - Knight, Terry (10.00)         \$0,00           M0053 - Knight, Terry (10.00)         \$0,00           Miscolaineous Labor         \$0,00           Credit         \$0,00           Other         \$36,00           2902: INC LEAN (10.00)         \$34,00           Miscolaineous Parts         \$0,00           M0023 - Knight, Terry (1.00)         \$34,00           Miscolaineous Parts         \$0,00           M0023 - Knight, Terry (1.00)         \$34,00           Miscolaineous Parts         \$0,00           Credit         \$0,00           Service C         \$0,00           Credit         \$0,00           Service C         \$0,00           Credit         \$0,00           Other         \$0,00           Service C         \$0,00           Credit         \$0,00           Service C (1000)         \$11,00           Other         \$0,00           Source S (1000)         \$11,00           M0023 - Knight, Terry (1.00)         \$34,00           Mo053 - Knight, Terry (1.00)         \$34,00							** **	£0.00
M0053 - Knight, Terry (0.00)         \$0.00           Labor Comments: BRAKES OK         \$0.00           Credit         \$0.00           Other         \$0.00           Other         \$0.00           Paptace Fuel Filter         \$0.00           2002: IND CLEAN (1.000)         \$38.00           M0005 - Knight, Terry (1.00)         \$30.00           V0005 - Knight, Terry (1.00)         \$30.00           Service C         \$0.00           Change Terramitistion Fluid         \$74.44           310: PWS ATC (100)         \$10.84           M0053 - Knight, Terry (1.00)         \$10.84           M0053 - Knight, Terry (1.00)         \$10.84           Service C         \$0.00           Credit         \$0.00           M0053 - Knight, Terry (1.00)         \$11.84           M0053 - Knight, Terry (1.00)         \$10.84           M0053 - Knight, Terry (1.00)         \$10.00					\$0.00		20.00	20.00
Miscellaneous Labor         \$0,00           Credit         \$0,00           Chiper         \$0,00           Chiper         \$0,00           Cited         \$0,00           Standianous Labor         \$0,00           Cither         \$0,00           Standianous Labor         \$0,00           Cither         \$0,00           Standianous Fants         \$0,00           Miscellaneous Fants         \$0,00           Mod23 - Knight, Tenry (1,00)         \$34,00           Miscellaneous Fants         \$0,00           Credit         \$0,00           Other         \$0,00           Service C         \$0,00           Contarge Res Art (1,00)         \$11,00           Contarge Res Art (1,00)         \$11,00           Other         \$0,00           Souther C (1,000)         \$11,00           Mod23 - Knight, Tenry (1,00)         \$11,00           Mod23 - Knight, Tenry (1,00)         \$0,00           Mod23 - Knight, Tenry (1,00)         \$0,00           Mod23 - Knight, Tenry (1,00)         \$34,00				\$0.00	** **			
Miscollaneous Labor Credii         \$0.00           Other Replace Fuel Filter         \$36.00           2002: IND CLEAN (1000)         \$38.00           Miscollaneous Batts Miscollaneous Labor         \$0.00           Credii         \$0.00           Status Faits Miscollaneous Labor         \$0.00           Credii         \$0.00           Service C Credii         \$0.00           Service C Clanage Teraemisiation Fluid 310: PWS ATC (1000)         \$14.00           Status Classes         \$0.00           Modesi - Miscollaneous Classes         \$100.00           Service C Classes Teraemisiation Fluid 310: PWS ATC (1000)         \$14.00           Modesi - Musch, Simma Arry Modesi - Musch, Terry (100)         \$10.00           Modesi - Musch, Terry (100)         \$34.00					\$0,00			
Credit Number Content         \$0,00         State         State<			BRAKES OK		FO 00			
Other         \$30.00         \$70.00           Replace Flue Filter         \$34.00         \$30.00           2002: IND CLEAN (1000)         \$38.00         \$0.00           Mitscellaneous Parts         \$0.00         \$70.00           Mitscellaneous Labor         \$0.00         \$0.00           Change Transmission Fluid         \$74.84         \$34.00           Service C         \$0.00         \$10.8.4           Clobart COULD         \$11.00         \$10.8.4           Clobart MRSS SYNARS: SYNAFF         \$50.00         \$108.84           MOD23 - Khigh, Terry (100)         \$10.00         \$10.8.4		ibor	80.00		90.00			
Autian Fuel Filter         \$36,00         \$30,00         \$0,00         \$0,00           2902: 1NO CLEAN (1,000)         \$30,00         \$0,00         \$0,00         \$0,00           Midsocialmancials Parts         \$0,00         \$0,00         \$0,00         \$0,00           Mod23 - Kinght, Temy (1,00)         \$0,00         \$0,00         \$0,00         \$0,00           Service C         \$0,00         \$0,00         \$0,00         \$0,00         \$0,00           Service C         \$1000,100,100,100,100,100,100,100,100,10			20.00				\$0.00	
Charge 2012: IND CLEAN (1000)         \$33.00           Mitecillarisetis Parts         \$30.00           Mitecillarisetis Parts         \$0.00           Mitecillarisetis Parts         \$0.00           Mitecillarisetis Parts         \$0.00           Charge 1         \$0.00           Service 2         \$0.00           Charge 1         \$10.00           Service 2         \$0.00           Charge 1         \$10.00           310: PWS ATC (1000)         \$11.00           CLOBALTFANNS: SYNATF         \$63.84           (16.000)         \$10.00           Moscellarisetus Parts         \$0.00           Moscellarisetus Parts         \$0.00				20.353	\$34.00			\$70.00
Mitscollaneous Parts         \$0.00           M0003 - Knight, Tenry (1.00)         \$34,00           M0004 - Knight, Tenry (1.00)         \$0.00           Credit         \$0.00           Other         \$0.00           Service C         \$0.00           Change Transmission Fluid         \$74,84           310: PWS ATC (1.00)         \$11,00           16: DOD/TUNNS: SYN ATF         \$63,84           Mo053 - Knight, Tenry (1.00)         \$34,00		1 (1 000)			\$34.00		40.00	410.00
10053 - Kright Terry (1.00)         \$34,00           Miscellameous Labor         \$0,00           Circell         \$0,00           Other         \$0,00           Service C         \$0,00           Change Transmission Fluid         \$14,64           310, PWS ATC (1.000)         \$11,00           GLOBALTFRANS: SVNATF         \$63,84           (16.000)         \$10,00           ModS3 - Kright, Terry (1.00)         \$34,00								
Mitscellamenus Libbor         \$0.00           Credit         \$0.00           Other         \$0.00           Service C         \$0.00           Change Transmission Fluid         \$74.34           310: PWS ATC (1000)         \$11.00           Change Transmission Fluid         \$74.34           310: PWS ATC (1000)         \$11.00           Statistic String Transmission Fluid         \$74.34           Misscellaneous Parts         \$0.00           Motors + Nubpl, Terry (1.00)         \$34.00				40.00	\$34.00			
Credit         \$0,00         \$0,00           Other         \$0,00         \$0,00           Service C         C         \$10,000         \$0,00         \$108,84           J10, PWS ATC (1,000)         \$11,000         \$10,000         \$10,84         \$10,800         \$10,000         \$108,84           (16,000)         \$11,000         \$10,000         \$34,000         \$34,000         \$10,000	Mouda - Palight,	10119 (1.00)						
Other         \$0.00           Service C         \$0.00           Change Transmission Fluid         \$74.84           310, PWS ATC (1.00)         \$11.00           GLOBALTRANS: SYN ATF         \$53.04           Mod03 - KNARD, Terry (1.00)         \$34.00	Auscenarrecus La	apor -	\$0.00		40.00			
Change Transmission Fluid         \$74.64         \$34.00         \$0.00         \$108.84           310: PVS ATC (1000)         \$11.00         \$11.00         \$108.84         \$10.00         \$108.84           GLOBALTFANK: SYNATF         \$63.84         \$63.84         \$10.00         \$10.00         \$10.00           Missocilaneous Parts         \$0.00         \$34.00 <td></td> <td></td> <td>40.00</td> <td></td> <td></td> <td></td> <td>\$0,00</td> <td></td>			40.00				\$0,00	
Change Transmission Fluid         \$74.64         \$34.00         \$0.00         \$108.84           310: PVS ATC (1000)         \$11.00         \$11.00         \$108.84         \$10.00         \$108.84           GLOBALTFANK: SYNATF         \$63.84         \$63.84         \$10.00         \$10.00         \$10.00           Missocilaneous Parts         \$0.00         \$34.00 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
Claring information in the control of the control o		- Child		*** **	\$34.00		\$0.00	\$108.84
GLOBALTRANS: SYN ATF \$63.64 (16.000) Miscellaneous Parts \$0.00 M0053 + Khaph, Terry (1.00) \$34.00	Change transmissi				001.00			
(18.000) Miscellaneous Parts \$0.00 M0053 - Knight, Terry (1.00) \$34,00								
Miscellaneous Parts \$0.00 M0053 - Knight, Terry (1.00) \$34.00		annaic		40. 04				
M0053 - Knighi, Terry (1.00) \$34,00		aris		\$0.00				
				40.00	\$34.00			

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Lube, Oll & Filt			\$29.85 \$29.95	\$0.00		\$0.00	\$29.85	
Miscellaneou Miscellaneou			\$29.95	\$0.00				
Credit	13 L4001	\$0.00		\$0.00				
Other						\$0.00		
Tire Rotation			\$12.95	\$0.00		\$0.00	\$12.95	
Miscellaneou			\$12.95	\$0.00				
Miscellaneou	is Labor	\$0.00		20.00				
Credit Other		30,00				S0,00		
		\$0.00	\$42.90	\$0.00	\$0,00	\$0.00	\$42.90	
304: 2014 Ford Interceptor Utility			VIN: 1FM5K les; 68,268	8AR0EGC27	License Plate;			
			ler: 0.0			ter: 0.0	. 140 .	
			Ion: 02-She	riff's		ent: 1251-Sh ale:	ierin \$	
	Recall: External WO:	Campal Ven	gn # dor: 133 - S	HERIFF	li	nv#: 211330 •O#:		
WO # 142803	Open Date 12/06/2018	Close Date 12/06/2018	Sia Clo	tua sed	Downline 0.00	Acci	deni	
	Description	Replaced one lin						
Detail	Description	Hacounta	Paris	Labor	Tires	Olher	Total	
		\$0.00	\$0.00	\$0.00	\$140.00	\$0.00	\$140.00	
9304: 2014 Ford I	nterceptor Utility	MI	les: 88,387	BAROEGC27(	License Pi			
9304: 2014 Ford I		Mi No Me Local	les: 88,387 ter: 0.0 ion: 02-She	.0	No Me Departm	eter: 0.0 ent: 1251-Sh	uniff's	
9304: 2014 Ford I	nterceptor Utility Recall: External WQ:	Mi No Me Local Campai	lles: 88,387 ter: 0.0 ton: 02-She gn#	.0	No Me Departm D	eter: 0.0 ent: 1251-Sh late: nv#: 471189	แก่สิร	
9304: 2014 Ford I	Repailt	Mi No Me Local Campal Ven Close Data	lles: 66,387 iter: 0.0 ion: 02-She ign # dor: 132 - S Sta	.0 riffs HERIFF OIL Lug	No Ma Departm D I Powntime	eter: 0.0 ent: 1251-Sh Jale: nv#: 471189 PO#:		
	Repall: External WO:	Mi No Ma Local Campai Ven	lles: 66,387 iter: 0.0 ion: 02-She ign # dor: 132 - S Sta	.0 riffs HERIFF OIL	No Mi Departm D	eter: 0.0 ent: 1251-Sh Jale: nv#: 471189 PO#:		
<u>WO 8</u> 142802 Detail	Retall: External WO: Öpen Dale 12/06/2018	Mi No Me Local Campal Ven Close Data	lles: 66,387 iter: 0.0 ion: 02-She ign # dor: 132 - S Sta	.0 riffs HERIFF OIL Lug	No Ma Departm D I Powntime	eter: 0.0 ent: 1251-Sh Jale: nv#: 471189 PO#:		
WO # 142802 Detail Sarvice A	Retall: External WO: Öpen Dale 12/06/2018	Mi No Ma Locat Campal Ven <u>Close Date</u> 12/08/2018	lles: 88,387 hter: 0.0 lon: 02-She gn # dor: 132 - S Sia Clo Parts	.0 HERIFF OIL Lus sed Labor	No Mo Departm D I Downtime 0.00	oter: 0.0 ent: 1251-Sh Jate: Nv#: 471189 PO#: Acci Qther	deni Total	
WO # 142802 Detail Service A Light Check	Retall: External WO: <u>Open Dale</u> 12/08/2018	Mi No Ma Locat Campal Ven <u>Close Date</u> 12/08/2018	lles: 88,387 hter: 0.0 lon: 02-She gn # dor: 132 - S Sia Clo	.0 HERIFF OIL Lug sed	No Mo Departm D I Downtime 0.00	eter: 0.0 ent: 1251-Sh nute: nv#: 471189 PO#: <u>Acc</u>	deni	
WO # 142802 Detall Service A	Recali; External WO: <u>Open Dale</u> 12/08/2018 Us Parts	Mi No Me Locai Campal Ven <u>Close Date</u> 12/08/2018 Discounts	iles: 88,387 ter: 0.0 ion: 02-She ga # dor: 132 - S <u>Sta</u> Clo <u>Parts</u> \$0,00	.0 HERIFF OIL Lus sed Labor	No Mo Departm D I Downtime 0.00	oter: 0.0 ent: 1251-Sh Jate: Nv#: 471189 PO#: Acci Qther	deni Total	
Wo a 142802 Datali Service A Light Check Miscellaneou Miscellaneou Credit	Recali; External WO: <u>Open Dale</u> 12/08/2018 Us Parts	Mi No Ma Locat Campal Ven <u>Close Date</u> 12/08/2018	iles: 88,387 ter: 0.0 ion: 02-She ga # dor: 132 - S <u>Sta</u> Clo <u>Parts</u> \$0,00	.0 rtiff's HERIFF OIL Lus sed Labor \$0.00	No Mo Departm D I Downtime 0.00	eter: 0.0 ent: 1251-Sh ale: nvW: 471189 CO#: <u>Arcc</u> <u>Other</u> \$0.00	deni Total	
WO 8 142802 Detail Service A Light Check Miscellaneou Credit Olher	Retall: External WO: Open Dale 12/06/2018 12/06/2018	Mi No Me Locai Campal Ven <u>Close Date</u> 12/08/2018 Discounts	lles: 68,387 tter: 0.0 ion: 02-She gn # dor: 132 - S Sta Clo Parts \$0.00 \$0.00	.0 riff's HERIFF OIL Lug sed Labor \$0.00 \$0.00	No Mo Departm D I Downtime 0.00	eter: 0.0 ent: 1251-Sh late: nvW: 471189 Off: Arcl Dither \$0.00 \$0.00	Ideni Total \$0.00	
WD # 142802 Detail Service A Light Check Miscellaneou Credit Olher Lube, Ol & Fill	Recall: External WO: <u>Öpen Dale</u> 12/08/2018 12/08/2018 12/08/2018 12/08/2018 12/08/2018	Mi No Me Locai Campal Ven <u>Close Date</u> 12/08/2018 Discounts	lles: 68,387 ter: 0.0 ion: 02-She gn # dor: 132 - S Sta Clo Parts \$0.00 \$0.00 \$29,95	.0 rtiff's HERIFF OIL Lus sed Labor \$0.00	No Mo Departm D I Downtime 0.00	eter: 0.0 ent: 1251-Sh ale: nvW: 471189 CO#: <u>Arcc</u> <u>Other</u> \$0.00	deni Total	
WO 8 142802 Detail Service A Light Check Miscellaneou Credit Olher	Recall: External WO: <u>Öpän Dala</u> 12/08/2018 I Us Parts Is Labor or Js Parts	Mi No Me Locai Campal Ven <u>Close Date</u> 12/08/2018 Discounts	lles: 68,387 tter: 0.0 ion: 02-She gn # dor: 132 - S Sta Clo Parts \$0.00 \$0.00	.0 riff's HERIFF OIL Lug sed Labor \$0.00 \$0.00	No Mo Departm D I Downtime 0.00	eter: 0.0 ent: 1251-Sh late: nvW: 471189 Off: Arcl Dither \$0.00 \$0.00	Ideni Total \$0.00	
WO # 142802 Datall Service A Light Check Miscellanoo Credit Other Lube, Oft & Fill Miscellanoo	Recall: External WO: <u>Öpän Dala</u> 12/08/2018 I Us Parts Is Labor or Js Parts	Mi No Me Locai Campal Ven <u>Close Date</u> 12/08/2018 Discounts	lles: 68,387 ter: 0.0 ion: 02-She gn # dor: 132 - S Sta Clo Parts \$0.00 \$0.00 \$29,95	.0 HERIFF OIL Ling Sed Labor \$0.00 \$0.00	No Mo Departm D I Downtime 0.00	ster: 0.0 ent: 1221-Sh late: NvW: 471189 POW: Accil Other \$0.00 \$0.00 \$0.00	Ideni Total \$0.00	
WO B 142802 Detail Service A Light Check Miscellaneou Credit Olher Lube, Ol & Fill Miscellaneou Credit Other Gredit Other	Recall: External WO: <u>Öpän Dala</u> 12/08/2018 I Us Parts Is Labor or Js Parts	Mi No Ma Local Campal Ven <u>Close Dats</u> 12/08/2018 Discounts \$0.00	les: 88,387 ter: 0.0 lon: 02-5h gn # dor: 132 - 5 Sia Clo Parts \$0,00 \$0,00 \$0,00 \$29,95	.0 HERIFF OIL Lus sed \$0.00 \$0.00 \$0.00 \$0.00	No Mo Departm D I Downtime 0.00	ster: 0.0 mit: 1251-Sh late: nvff: 471189 Odf: Qther \$0.00 \$0.00 \$0.00 \$0.00	<u>Total</u> \$0.00 \$29.95	
WO.8 142802 Datali Service A Light Check Miscellansoo Credit Olher Lube, Olt & Fill Miscellansoo Miscellansoo Credit Other Tre Rotation	Recall: External WO: Opan.Dala 1200/2018 I 1200/2018 I 200 I 20 I 200 I 200 I 20 I 200 I 200 I 200 I 2 I 2	Mi No Ma Local Campal Ven <u>Close Dats</u> 12/08/2018 Discounts \$0.00	lies: 88,387 tier: 0.0 lon: 02-She gn # dor: 132 - S Sia Cio Parts \$0,00 \$0.00 \$29,95 \$29,95 \$29,95	.0 HERIFF OIL Ling Sed Labor \$0.00 \$0.00	No Mo Departm D I Downtime 0.00	ster: 0.0 ent: 1221-Sh late: NvW: 471189 POW: Accil Other \$0.00 \$0.00 \$0.00	Ideni Total \$0.00	
WO 8 142802 Datall Service A Light Check Miscellaneo Credit Oliveit & Fill Miscellaneo Miscellaneo Credit Other The Rotation Miscellaneo	Recall: External WO: Open Date 12/06/2018 us Parts us Labor of parts us Labor us Labor	Mi No Ma Local Campal Ven <u>Close Dats</u> 12/08/2018 Discounts \$0.00	les: 88,387 ter: 0.0 lon: 02-5h gn # dor: 132 - 5 Sia Clo Parts \$0,00 \$0,00 \$0,00 \$29,95	.0 HERIFF OIL Lus sed \$0.00 \$0.00 \$0.00 \$0.00	No Mo Departm D I Downtime 0.00	ster: 0.0 mit: 1251-Sh late: nvW: 471189 Odf: Qther \$0.00 \$0.00 \$0.00 \$0.00	<u>Total</u> \$0.00 \$29.95	
WO # 142802 Detail Service A Light Check Miscellaneo Credit Other Other The Rotation Miscellaneo Other The Rotation Miscellaneo Credit	Recall: External WO: Open Date 12/06/2018 us Parts us Labor of parts us Labor us Labor	Mi No Ma Local Campal Ven <u>Close Dats</u> 12/08/2018 Discounts \$0.00	lies: 88,387 tier: 0.0 lon: 02-She gn # dor: 132 - S Sia Cio Parts \$0,00 \$0.00 \$29,95 \$29,95 \$29,95	.0 HERIFF OIL Labor \$0.00 \$0.00 \$0.00 \$0.00	No Mo Departm D I Downtime 0.00	ster: 0.0 ent: 1251-Sh late: <u>Ate:</u> <u>Ate:</u> <u>Ate:</u> <u>Ate:</u> <u>Ate:</u> <u>50.00</u> <u>\$0.00</u> <u>\$0.00</u> <u>\$0.00</u>	<u>Total</u> \$0.00 \$29.95	
WO.8 142802 Datall Service A Light Check Miscellaneou Credit Other Lube, Olf & Fill Miscellaneou Credit Other Tire Rotation Miscellaneou Miscellaneou Miscellaneou	Recall: External WO: Open Date 12/06/2018 us Parts us Labor of parts us Labor us Labor	Mil No Me Local Campal Ven <u>Close Date</u> 12/08/2018 <u>Discounts</u> \$0.00 \$0.00	lies: 88,387 tier: 0.0 lon: 02-She gn # dor: 132 - S Sia Cio Parts \$0,00 \$0.00 \$29,95 \$29,95 \$29,95	.0 HERIFF OIL Labor \$0.00 \$0.00 \$0.00 \$0.00	No Mo Departm D I Downtime 0.00	ster: 0.0 mit: 1251-Sh late: nvW: 471189 Odf: Qther \$0.00 \$0.00 \$0.00 \$0.00	<u>Total</u> \$0.00 \$29.95	

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Miscellandous Fara M0053 - Knighi, Terry (0.50) Miscellaneous Labor Credii Olhar	\$0.00	\$0.00	\$17.00 \$0.00		\$0,00	
	\$0.00	\$116.95	\$17.00	\$0,00	\$0.00	<u>\$133.95</u>
port Created by collectiveFiest 7.0		07/23/2020 9	STAM			Page 9 of 19
				Wo	ork Orc	ler Detail
Credit	\$0.00					
Other			\$6.80		\$0.00	\$18.22
Replace wiper blades SP-22: WIPERS (1,000) SP26: 26" CONTOUR (1,000) Miscellaneous Parts		\$11.42 \$5,17 \$6.25 \$0.00			30.00	310.22
M0053 - Knight, Terry (0.20)			\$6.80 \$0.00			
Miscellaneoùs Løbor Credit Other	\$0.00		30.00		\$0,00	
Service D						
Change Spark Plugs SP520 SPARK PLUGS (6.000) Miscellaneous Parts		\$23.22 \$23.22 \$0.00	\$51.00		\$0.00	\$74.22
M0053 - Knight, Terry (1.50)			\$51,00			
Miscellaneous Labor Credil	\$0.00		\$0.00			
Other					\$0,00	
EMISSIONS SYSTEM CX2409 PURGE VALVE		\$35.44 \$35.44	\$17.00		\$0.00	\$52.44
(1.000) Miscellaneous Parts		\$0.00				
M0053 - Knight, Terry (0.50)			\$17.00			
Miscellaneous Labor Credit	\$0.00		\$0.00			
Olher	40.00				50.00	404 50
Preventive Maintenance CF1230: CABIN FILTER (1.000)		\$4.80 \$4.80	\$17.00		\$0.00	\$21,80
Miscellaneous Parts		\$0.00	\$17.00			
M0053 - Knighi, Terry (0.50) Miscellaneous Labor			\$0.00			
Credit	\$0.00					

Miscollaneous Labor Credit Other Sad Teel Miscollaneous Parts M0053 - Knight, Terry (0.30) Miscollaneous Labor Credit Other \$0.00 \$0.00 \$0.00 \$10.20 \$10.20 \$0.00 \$0.00 \$10.20 \$0.00 \$0.00 \$0.00 \$436.35 \$218.75 \$217.60 \$0.00 \$0.00 \$0,00 VIN: 1FM5K8AR0EGC2?( Miles: 78,802.0 No Miles: 78,802.0 Location: 02-Sheriff's Campaign # Vendor: 132 - SHERIFF OIL 19304: 2014 Ford Interceptor Utility License Plate: No Meter: 0.0 Department: 1251-Sheriffs Date: Inv#: 20687648 PO#: Recall; External WO; 132 - SHERIFF OIL Status Closed Accident Open Dale 05/14/2018 <u>₩0.#</u> 141961 Close Dale 05/14/2018 Downtime 0.00 Tires Total Other Detall Service Discounts Parts Lahor \$0,00 \$0.00 \$0,00 \$0.00 \$0.00 Ight Che Miscell Miscell Credil Other ous Parts ous Labor \$0,00 \$0.00 \$0.00

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104: 2014 Ford In	lerceptor Utility	Miles:	91,645	KBARDEGC27( 5.0	License		
	in the B	No Meter: Location:	02-Sh	eriff's	Dopart	føler: 0,0 ment: 1251-SI Date:	างกกิร
WO.#	Recall: Open Data	Campaign / Close Date		alus	Downtima		Ident
142943	01/28/2019	01/28/2019		osed	0.00	200	
					-		
Detall	D	Iscounte P	arts	Labor	Tires	Other	Total
Service A							
Light Check			0,00	\$17.00		\$0.00	\$17.00
Miscellaneous		\$	0.00				
	ht, Terry (0,50)			\$17.00			
Miscellaneout	s Labor			\$0.00			
Credit		\$0.D0					
Other						\$0.00	4 4 4 4 4
Lube, Oll & Fille			4.26	\$17.00		\$0.00	\$41,26
5W20 SYN: S		\$1	7 28				
ENGINE OIL							
	L FILTER (1,000)		1 44				
DRUM GREA		s	0.90				
GREASE SUI							
AF 10242: AIF		\$	4,64				
INTERCEPTO	D (1.000)						
Miscellaneou		\$	0.00				
M0053 - Knig	hl, Terry (0.50)			\$17.00			
Miscellaneous	s Labor			\$0.00			
Credit		\$0.00					
Other						\$0.00	
Tire Rotation			0.00	\$13,60		\$0.00	\$13,60
Miscellaneou	s Parts	\$	0.00				
M0053 - Knig	ht. Terry (0.40)			\$13,60			
Miscellaneou	s Labor			\$0.00			
Credil		\$0.00					
Olher						\$0,00	
Service B							
Check Brakes			12.06	\$34.00		\$0.00	\$218,06
PFH161220;		\$4	6.27				
METALLIC B	RAKE PAD						
(1.000)							
	TOR, POLICE	\$13	35,79				
INTROPTR R							
Miscellaneou	s Parts	1	00.00				
	ht, Terry (1.00)			\$34.00			
Miscellaneou	s Labor			\$0.00			
Credit		\$0.00				\$0.00	
Other				F2 40		\$0.00	\$19.40
Replace Fuel Fi			16.00	\$3.40		90.00	\$10.4U
44K: INJ CLE	ANER (1.000)		16.00				
Miscellaneou		\$	\$0.00	#3.40			
	ht, Terry (0.10)			\$3.40			
Miscellaneou	s Labor	***		\$0.00			
Credil		\$0.00				S0.00	
Other							
<b>Preventive Main</b>	stenance		\$4.31	\$17.00		\$0.00	\$21.31
CF1230: CAE		9	\$4.31				
(1.000)							
Miscellaneou		:	\$0.00				
	phi, Terry (0.50)			\$17.00			
Miscellaneou	is Labor			\$0.00			
	offectiveFleat 7.0	67/2				_	Page 13 of

30) Jillity Recall: mul WO Uata V019	No I Loc Camp	Miles: 95,640 Muter: 0,0 atlan: 02-Sh baign # andor: 132 -		Dopartm D II	oter: 0.0 ent: 1251-St ale: nv#: 170019 O#:	13 Idani Tolai \$0,00 \$29,95
Recall: mai WO: Data	\$0.00 Na Lac Camp V V V Ciosa Dai 03/14/201 Discounts \$0.00	\$226,63 VIN: 1FMS Water: 0.0 alten: 02-564 Water: 0.0 alten: 02-56 Solon Cl Entis \$0.00 \$0.00 \$29,95 \$29,95 \$12,95	\$0.00 \$112.20 KMARDEGC271 0 SHERIFF OIL alus SHERIFF OIL alus SHERIFF OIL alus SHERIFF OIL SHERIFF	License Pi No Me Departe Di P Downtime 0.00	\$0.00 ate: .0.0 ent: 1251-St ate: .0.0 .00 .00 .00 .00 .00 .00 .00 .00	teriff's 13 dani Tolal \$0,00 \$29,95
Recall: mai WO: Data	\$0.00 Na Lac Camp V V V Ciosa Dai 03/14/201 Discounts \$0.00	VIN 1FMS Miles 95,64 Water 0.0 delea: 02-Sh align # 9 St Parts \$0.00 \$0.00 \$29,95 \$29,95 \$29,95 \$12,95	\$0.00 \$112.20 KMARDEGC271 0 SHERIFF OIL alus SHERIFF OIL alus SHERIFF OIL alus SHERIFF OIL SHERIFF	License Pi No Me Departe Di P Downtime 0.00	\$0.00 ate: .0.0 ent: 1251-St ate: .0.0 .00 .00 .00 .00 .00 .00 .00 .00	teriff's 13 dani Tolal \$0,00 \$29,95
Recall: mai WO: Data	\$0.00 Na Lac Camp V V V Ciosa Dai 03/14/201 Discounts \$0.00	VIN 1FMS Miles 95,64 Water 0.0 delea: 02-Sh align # 9 St Parts \$0.00 \$0.00 \$29,95 \$29,95 \$29,95 \$12,95	\$112.20 KMARDEGC277 0.0 entTs SKERIFF OIL <u>atus</u> SKERIFF OIL <u>atus</u> SKERIFF OIL <u>atus</u> SKERIFF OIL <u>50.00</u> \$0.00	License Pi No Me Departe Di P Downtime 0.00	\$0.00 ate: .0.0 ent: 1251-St ate: .0.0 .00 .00 .00 .00 .00 .00 .00 .00	teriff's 13 dani Tolal \$0,00 \$29,95
Recall: mai WO: Data	\$0.00 Na Lac Camp V V V Ciosa Dai 03/14/201 Discounts \$0.00	VIN 1FMS Miles 95,64 Water 0.0 delea: 02-Sh align # 9 St Parts \$0.00 \$0.00 \$29,95 \$29,95 \$29,95 \$12,95	KAARDEGC271 0.0 eniff's SHERIFF OIL alus osed Labor \$0.00 \$0.00 \$0.00 \$0.00	License Pi No Me Departe Di P Downtime 0.00	\$0.00 ate: .0.0 ent: 1251-St ate: .0.0 .00 .00 .00 .00 .00 .00 .00 .00	teriff's 13 dani Tolal \$0,00 \$29,95
Recall: mai WO: Data	Na ) Loc Camp Ve <u>Close Dal</u> 03/14/2011 Discounts	VIN 1FMS Miles 95,64 Water 0.0 delea: 02-Sh align # 9 St Parts \$0.00 \$0.00 \$29,95 \$29,95 \$29,95 \$12,95	KAARDEGC271 0.0 eniff's SHERIFF OIL alus osed Labor \$0.00 \$0.00 \$0.00 \$0.00	License Pi No Me Departe Di P Downtime 0.00	ate: siter: 0.0 ent: 1251-St ate: Acci Othar \$0.00 \$0.00 \$0.00 \$0.00	teriff's 13 dani Tolal \$0,00 \$29,95
Recall: mai WO: Data	Na ) Loc Camp Ve <u>Close Dal</u> 03/14/2011 Discounts	VIN 1FMS Miles 95,64 Water 0.0 delea: 02-Sh align # 9 St Parts \$0.00 \$0.00 \$29,95 \$29,95 \$29,95 \$12,95	0.0 emPts SHERIFF OIL atus cosed Labor \$0.00 \$0.00 \$0.00 \$0.00	No Me Departm D In F Downlime 0.00	ster: 0.0 ent: 1251-St ate: 	13 Idani Tolai \$0,00 \$29,95
Recall: mai WO: Data	Na 1 Loc Camp Ve Cilosa Dal 03/14/2011 Discounts \$0.00	Miles 95,64 Mater 0,0 Alter 0,2-Sh ailgn W endor: 132 - E St Parts \$0,00 \$0,00 \$29,95 \$29,95 \$29,95 \$29,95	0.0 emPts SHERIFF OIL atus cosed Labor \$0.00 \$0.00 \$0.00 \$0.00	No Me Departm D In F Downlime 0.00	ster: 0.0 ent: 1251-St ate: 	13 Idani Tolai \$0,00 \$29,95
rnal WO: Data	Loc Camp Ve <u>Close Dat</u> 03/14/2011 Discounts \$0.00	atlen: 02-Sh andor: 132 - in mdor: 132 - g St Parts \$0.00 \$0.00 \$29,95 \$29,95 \$29,95	SHERIFF OIL alus osed Labor \$0.00 \$0.00 \$0.00 \$0.00	Dopartm D II P <u>Downtima</u> 0.00	ent: 1251-Sh ale: N#: 170019: O#: <u>Other</u> \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	13 Idani Tolai \$0,00 \$29,95
rnal WO: Data	Ve <u>Close Dat</u> 03/14/2011 Discounts \$0.00	andar: 132 - is <u>St</u> Partis \$0.00 \$0.00 \$29.95 \$29.95 \$29.95 \$29.95	atus osed \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	P Powntime 0.00	V#: 170019: O#: <u>Acci</u> <u>Olhar</u> \$0.00 \$0.00 \$0.00	rdani Tolul \$0.00 \$29.95
	03/14/2019 Discounts \$0.00	9 Cl Parts \$0.00 \$0.00 \$29,95 \$29,95 \$29,95 \$12,95	osed Labor \$0.00 \$0.00 \$0.00 \$0.00	Downtime 0.00	Acci Olhar \$0.00 \$0.00 \$0.00 \$0.00	<u>Total</u> \$0,00 \$29,95
	03/14/2019 Discounts \$0.00	9 Cl Parts \$0.00 \$0.00 \$29,95 \$29,95 \$29,95 \$12,95	osed Labor \$0.00 \$0.00 \$0.00 \$0.00	0.00	\$0.00 \$0.00 \$0.00	\$0,00 \$29,95
	\$0.00	\$0,00 \$0.00 \$29,95 \$29,95 \$29,95	\$0,00 \$0,00 \$0,00 \$0,00	Tiras	\$0.00 \$0.00 \$0.00	\$0,00 \$29,95
		\$0.00 \$29,95 \$29,95 \$29,95	\$0.00 \$0.00 \$0.00		\$0.00 \$0.00	\$29,95
		\$29,95 \$29,95 \$12,95	\$0.00 \$0.00		\$0.00 \$0.00	
		\$29,95	\$0.00 \$0.00		\$0.00 \$0.00	
		\$29,95	\$0.00		\$0.00 \$0.00	
	\$0.00	\$29,95	\$0.00		\$0.00	
	\$0.00	\$29,95				
	\$0.00					
	\$0.00		\$0.00			
			\$0.00			
			60.00			\$12,95
					40.34	÷.2.05
			\$0.00			
	\$0.00					
					\$0.00	
	\$0.00	\$42,90	\$0.00	\$0.00	\$0.00	\$42.90
Utility		VIN: 1FM5 Miles: 96,73	KBARDEGC27			
4271			ierin s			Jellu, a
						Ident
2019				0.00	r the lat	
scription			1.1		Other	Total
	Discounts			Ther		\$8.57
			9J.40		ev.30	40.01
		\$0.00				
.10}			\$3.40			
			\$0.00			
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	Date 2019	Utility No Loo Data Camp 2019 Discourds Discourds Discourds	Utility VIN: 1FM5 Millia: 96.73 No Mater: 0.0 Date: 10 Consultant 0.0 Date: 10 Consultant 0.0 2019 Date: 10 Consultant 0.0 2019 Date: 10 Consultant 0.0 2019 Date: 10 Consultant 0.0 Date: 10 Consulta	Utility Vitt: 1FMSK6AR0EGC27/ Millias: 96,730.0 No Mater: 0.0 Esecul: Consultant 02.Shortin's 2019 DAV05/2019 Status 2019 DAV05/2019 Closed acription: wipers Discounts Parts Labor 55,17 53,40 55,17 10 50.00 53,00	Utility         Utility <t< td=""><td>Utility Vitk: 1FMSK6AR0EGC271 License Plate: Milles: 96,730.0 No Meter: 0.0 Location: 02-Sheriff's Department: 1251-S1 Date: Campaign # Date: Date: Clease Data 2019 D405/2019 Closed 0.00 accrtplion: vipers Discounts Parts Labor Tiras Other \$5,17 \$3.40 \$0.00 \$5,17 \$3.00 \$3.00</td></t<>	Utility Vitk: 1FMSK6AR0EGC271 License Plate: Milles: 96,730.0 No Meter: 0.0 Location: 02-Sheriff's Department: 1251-S1 Date: Campaign # Date: Date: Clease Data 2019 D405/2019 Closed 0.00 accrtplion: vipers Discounts Parts Labor Tiras Other \$5,17 \$3.40 \$0.00 \$5,17 \$3.00 \$3.00

Work Order Detail

					100	in Ulu	er Dela	
		\$0.00	\$5.17	\$3,40	\$0.00	\$0.00	\$8.57	
9304: 2014 Ford Ir	nterceptor Utility	M	fust 99,619.	eAROEGC271	License F			
			ter: 0.0			leter: 0.0		
			ion: 02-She	tiff's.		ment: 1251-Sh Date:	enit's	
	Recall: External WO:	Campal	gn # dor: 133 - S	UTROTT.		Date: Inv#: 217093		
	External WO:	N#T	dor: 133=3	ric for e		PO#:		
WO # 143502	Open Date 05/08/2019	Closa Data 05/08/2019	Sta Cio		Downlima 0.00	Acci	deni	
	Description: R	enlaced four th	as .					
Detail	D	scounts	Parts	Labor	Tires	Other	Total	
		\$0.00	\$0.00	\$0.00	\$560.00	\$0.00	\$560.00	
9304: 2014 Ford Interceptor Utility			VIN: 1FM5K6AR0EGC27( Miles: 103,634.0			License Plate:		
		No Me	ion: 02-5he		No Mater: 0.0 Department: 1251-Sheriff's			
	Recall: External WO:	Campal Ven		HERIFF OIL		Dele: Inv#: 2067986 PO#:	8	
<u>WO #</u> 143805	Open Date 07/09/2019	Close Date 07/09/2019	Sta Clo		Downtime 0.00		deni	
Detall	ם	acounts	Pade	Labor	lices	Other	Total	
Service A Light Check			\$0.00	\$0.00		\$0.00	\$0.00	
Miscellaneou	s Parts		\$0.00					
Miscellaneou				\$0.00				
Credit		\$0.00				\$0.00		
Other			\$29.95	\$0.00		\$0.00	\$29.85	
Lube, Oll & Filte Miscellaneou			\$29.95	\$0.00		40.00	420100	
Miscellaneou			420 00	\$0.00				
Credil		\$0.00						
Other						\$0.00		
Tire Rotation			\$12.95	\$0.00		\$0.00	\$12,95	
Miscellaneou			\$12,95	\$0.00				
Miscellaneou Credit	is Labor	\$0.00		20.00				
Other		\$0.00				\$0.00		
		\$0,00	\$42.90	\$0.00	\$0.00	\$0.00	\$42.90	
19304: 2014 Ford Interceptor Utility		VIN: 1FM5K8AR0EGC27(			License Plate:			
			eter: 0.0 Ilon: 02-She	ariff's		Meter: 0.0 ment: 1251-St	veriff's	
	Recall:	Campa			Downline	Date:	dent	
WO# 143870	Open Date 08/01/2019	Close Date 08/01/2019		sed	0.00	ACC		
	Description:				Tires	Other	Total	
	D	iscounta	Parts	Labor	TITAS	CHINE	للقلسر	
Detail Service A								

07/23/2020 9:41 AM

Report Greated by collectiveFleet 7.0

Miscellaneous Parts Miscellaneous Labor Comments: mvl Miscelaneous Labor Credit Credit Luby 20 SYN: SYNTHETIC ENGINE OL (6.000) OF22500: OLI FILTER (1.000) ORUM GREASE: DRUM OREASE: SUPER (5.001) Art 10224. ARF FILTR NTERCEPTO (1.001) Miscellaneous Labor Orther Tira Rotation Miscellaneous Parts Middellaneous Labor Other Sarvice B \$0.00 \$17.00 \$0.00 \$0.00 \$0,00 \$0,00 \$25.65 \$17.68 \$17.00 \$2,02 \$0,90 \$5,15 \$0.00 \$17.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$13.60 \$13.60 \$0.00 \$0.00 \$0.00 Other Service B Check Brakes PFH151120: BRAKE PADS (1.000) BRRF318: ROTOR INTERCEPTOR (2.000) Misselianeous Pato M0003: Kright, Terry (1.00) Mcabineous Labor Chinr Replace Fuel Filter 2802: INO CLEAN (1.000) Misselianeous Patis M0053: Arught, Terry (1.00) Misselianeous Labor Credit Other \$34.00 \$0.00 \$225.63 \$56.75 \$168.88 \$0.00 \$34.00 \$0.00 \$0.00 \$0.00 \$0.00 \$34.00 \$36,50 \$36,50 \$0,00 \$34,00 \$0,00 \$0.00 \$0.00 Cher Service C Change Tresemission Fluid M0053 - Knight, Tarry (0.00) Labor Comments: trans ok Miscellaneous Labor Cradit \$0.00 Diter Replace wiser bladsa Second Second Second Diter M0053 - Knight, Tarry (0.20) Miscellaneous Labor Credit \$0.00 Diter

Work Order Detail

\$42.65

\$13.60

\$259.63

\$70.50

\$0.00

\$0.00

\$0.00 \$0.00

S0.00 \$0.00

\$17,14	

\$20.69

Report Created by collectiveFloat 7.0

Page 15 of 19

Preventive Maintenance CF1230: CABIN FILTER

07/23/2020 9 41 AM

\$0.00

\$0.00 \$0.00

\$6.80

\$6 80 \$0 00

\$17,00

\$0.00 \$0.00

\$10.34 \$10.34 \$0.00

\$3,69

\$0,00

\$0,00

Page 16 of 19

#### Work Order Detail

(1.000)			\$3.69					
Miscellaneous P	Paris		\$0.00					
M0D53 - Knight,				\$17.00				
Miscellaneous L	abor			\$0.00				
Credit		\$0.00				\$0.00		
Other				\$10.20		\$0.00	\$10.20	
Road Test			\$0.00	\$10.20		20.00	\$10.20	
Miscellaneous F			\$0.00	\$10.20				
M0053 - Knight, Miscellaneous L				\$0.00				
Credit	acor	\$0.00		30.00				
Other		\$0.00				\$0.00		
SHERIFF SPECIAL			\$39.99	\$10.20		\$0.00	\$50.19	
u-7682 spot light			\$39.99				·	
Miscellaneous F			\$0.00					
M0053 - Knighl,				\$10.20				
Miscellaneous 1				\$0.00				
Credit		\$0.00						
Other						\$0.00		
						40.00	tent er	
		\$0.00	\$341.80	\$159.80	\$0.00	\$0.00	\$501.60	
9304: 2014 Ford Inte	rceptor Utility	14°		KBAROEGC27(	License	Plate:		
			Miles: 108,23	PH U	No Meter: 0.0			
		No	Meter: 0.0 ation: 02-Sh		No Meler: 0.0 Department: 1251-Sheriff's			
				01111 5	Depart	Date:		
	Recall:		algn# indor: 133 - 1			Inv#: 221773		
	External WO;	Ve	100r; 103 - 1	and the t		PO#:		
Wow	Open Date	Close Dat		alua	Downtime		Ideni	
144035	08/25/2019	08/28/201	e cl	osed	0.00			
	Description:			Labor	Threa	Other	Total	
Datali	1	liscounts	Parts	LEGOL	71(112	THE R. P. LEWIS CO., LANSING CO		
		\$0.00	\$0,00	\$0.00	\$140.00	\$0.00	\$140.00	
9304: 2014 Ford Inte	arceptor Utility			KBAROEGC27(	License	Plate:		
			Miles: 112,64	40.0				
			Meter: 0.0			Meter: 0.0		
			ation: 02-Sh	a'ilne	Depari	ment: 1251-S	Nentra	
	Recall:		algn#			Date: Inv#: 206748	01	
	External WO:	V	indor: 132 -	SHERIFF OIL		Inv#: 206748 PO#:	30	
WO	Open Date	Close Dal	a 94	alua	Downlim		Ident	
	10/31/2019	10/31/201		beed	0.00		_	
							T	
144357					Ticui	Other	Total	
144357 Datall		Discounts	Paris	Labor				
144357 Datall Service A		Discounts		-		** **	£0.00	
144357 Datall Service A Light Check	- + K	Discounts	\$0.00	\$0.00		\$0.00	\$0.00	
144357 Datall Service A Light Check Miscellaneous I	Perte	Discounts		\$0.00		\$0.00	\$0.00	
144357 Datall Service A Light Check Miscellaneous I Miscellaneous I	Perte		\$0.00	-		\$0.00	\$0.00	
144357 Datall Service A Light Check Miscellaneous I Credit	Perte	01scounts \$0.00	\$0.00	\$0.00			\$0,00	
144357 Datall Service A Light Check Miscellaneous i Credit Other	Perte		\$0.00 \$0.00	\$0.00 \$0.00		\$0.00		
144357 Datall Service A Light Check Miscellaneous I Credit Other Lube, Oll & Filter	Parta Labor		\$0.00 \$0.00 \$0.00	\$0.00			\$0,00 \$35.70	
144357 Datall Service A Light Check Misceilaneous i Credit Othar Lubo, Oli & Filter Misceilaneous	Parta Labor Parts		\$0.00 \$0.00	\$0.00 \$0.00 \$0.00		\$0.00		
144357 Datall Service A Light Check Miscellaneous I Credit Other Lube, Olf & Filter Miscellaneous Miscellaneous	Parta Labor Parts	\$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00		\$0.00		
144357 Datall Service A Light Check Miscellaneous i Miscellaneous Cradit Othar Lube, Olf & Filter Miscellaneous Miscellaneous Cradit	Parta Labor Parts		\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00		\$0.00 \$35.70		
144357 Datall Service A Light Check Miscellaneous i Cradit Other Lube, Olf & Filter Miscellaneous Cradit Miscellaneous Cradit Other	Parta Labor Parts	\$0.00	\$0.00 \$0.00 \$0.00 • \$0.00	\$0.00 \$0.00 \$0.00		\$0.00 \$35.70 \$35.70	\$35.70	
144357 Datall Service A Light Check Miscellaneous I Miscellaneous Credit Other Lube, Oll & Filter Miscellaneous Niscellaneous Credit	Parta Labor Parts	\$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00		\$0.00 \$35.70		
144357 Distall Service A Light Check Miscellaneous i Cradit Other Lube, Ol & Filter Miscellaneous Cradit Miscellaneous Cradit Other	Parta Labor Parts	\$0.00	\$0.00 \$0.00 \$0.00 • \$0.00	\$0.00 \$0.00 \$0.00		\$0.00 \$35.70 \$35.70	\$35.70	

Miscellaneous Pa Miscellaneous La Credit		\$0.00 \$0.00						
Other		10.00				\$0.00		
		\$0.00	\$0.00	\$0.00	\$0.00	\$35,70	\$35.70	
9304: 2014 Ford Inter	ceptor Utility		VIN: 1FM5k Miles: 118.61	(8AR0EGC27( 2.0	License Plaie:			
		Loc	ation: 02-She	riffs	Department: 1251-Shariffa			
	Recall		algn#		Date: Descritions Accident			
WO.# 144723	Open Date 01/23/2020	Close Dat 01/23/202		sed	Downtime 0.00	Acc	Ident	
	Description	: check engine	light					
Detail		Discounte	Parts	Labor	Tires	Other	Total	
Emissions			\$262.22	\$84.00		\$0.00	\$345 22	
dy1173 o2 sense	r (1.000)		\$60.23					
dy1178 oZ senso			\$119.58					
44K: INJ CLEAN			\$16.00					
dy1153 o2 sense			\$60 23					
AF10242: AIR F			\$6.1B					
INTERCEPTO (								
Miscellaneous P			\$0.00					
M0053 - Knighl.	Terov (2.00)		40.00	\$84.00				
Miscellaneous L				\$0.00				
Credit	BUCI	\$0.00		40.00				
Other		40.00				\$0.00		
			\$0.00	\$12.60		\$0.00	\$12.60	
Road Test			\$0.00	412.00		40100	******	
Miscellaneous P	MIE		\$0.00	\$12.60				
M0053 - Knight,				\$0.00				
Miscellaneous L	abor	***		20.00				
Credit Olher		\$0,00				\$0.00		
		\$0.00	\$262.22	\$96,60	\$0.00	\$0,00	\$358.82	
9304: 2014 Ford Inte	ceptor Utility		VIN: 1FM5KBAR0EGC27( Miles: 118,700,0			Piete:		
			ation: 02-Sh	oriff's		ment: 1251-S	nerma	
	Rocal	Cam	palgn Ø		Downtime	Date:	Ident	
WO # 144742	Open Date 01/24/2020	Cinse Da 01/25/202		atus osed	0.00		Trimin'	
Detall		Discounts	Parts	Lebor	Tires	Other	Ťotal	
EMISSIONS SYSTI	=M		\$119.58	\$21.00	_	\$0.00	\$140.68	
dv1176 o2 sens			\$119.58					
Miscellaneous F			\$0.00					
M0053 - Knight,	Teroy (0.50)			\$21.00				
Miscellaneous L				\$0.00				
Cradil		\$0.00						
Credit Other						\$0.00		
		\$0.00	\$119.58	\$21.00	\$0.00	\$0.00	\$140.58	
19304: 2014 Ford Interceptor Utility			VIN: 1FM5 Miles: 121.24	KBAR0EGC27(	License			
		La	cellon: 02-Sh		Depart	meni: 1251-S	heriff6	
	Reca	ll: Cam	palgn #			Date:		

# Work Order Detail

					WUI	k olde	Detai
E	External WO:	Ve	ndor: 132 - 5	HERIFF OIL		nv#: 206771119 'O#:	
	en Date 25/2020	Gloan Date		tus sed	Downtime 0.00	Acelda	ut.
144922	20/2020	dire of a way			0.00		
Detail		Discounts	Paris	Labor	TIME	Other	Total
Service A							
Light Check			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous Parta			\$0.00	\$0.00			
Miscellaneous Labor				\$0.00			
Credit		\$0.00				\$0.00	
Other			\$42.40	\$0.00		\$0.00	\$42.40
Lube, Oll & Filler			\$42.40	40.00		40.00	
Miscellaneous Parts Miscellaneous Labor			342.4U	\$0.00			
Credit		\$0.00		40,00			
Other		\$0.00				50.00	
Tire Rotation			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous Parts			\$0.00				
Miscellaneous Labor			40.00	\$0.00			
Credit		\$0.00					
Other		40100				50.00	
		\$0.00	\$42.40	\$0.00	\$0.00	\$0.00	<u>\$42.40</u>
9304: 2014 Ford Intercep	lor Utility	VIN: 1FM5K8AR0EGC27( Miles: 121.904.0			License P	late:	
			tion: 02-Sh		Departm	ent: 1251-Sheri	fis
	Recall:	Camp				ale:	
WO# On	en Date	Close Dal		alus	Downtime	Accide	nt
	22/2020	04/22/2020	Ck	isad	0.00		
Detall		Discounts	Parls	Labor	Tires	Olher	Total
Electrical			\$1.58	\$0.00	-	\$0.00	\$1.58
3157NA: BULB (2.00	0		\$1.58				
Miscellaneous Parla			\$0.00				
Miscellaneous Labor				\$0.00			
Credil		\$0.00					
Other						50.00	
Emissions			\$35.33	\$21.00		\$0.00	\$56.33
cx2409 purpe valve	(1.000)		\$35.33				
Miscelleneous Parts			\$0.00				
M0053 - Knight, Terr				\$21.00			
Miscellaneous Labor				\$0.00			
Credit		\$0.00				00.00	
Other						\$0.00	

Grand Total:

\$0.00

\$0.00

\$36.91

\$2,193.05

\$21.00

\$954.60

\$0.00

\$1,828.76

\$57.91

\$5.012.11

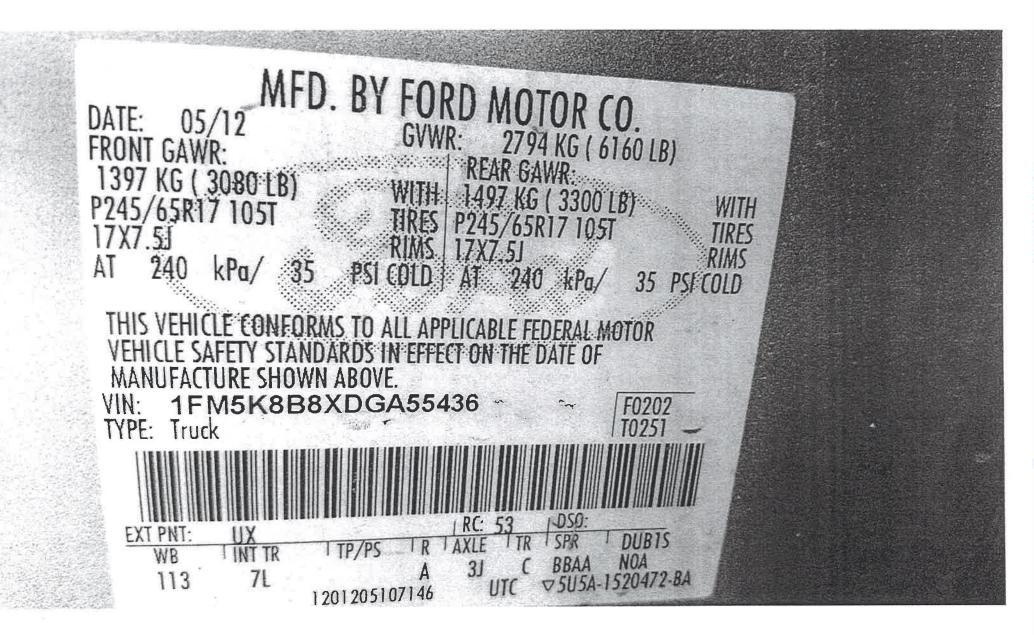
\$0.00 \$0.00

\$35.70

BOONE COUNTY	
Request for Disposal/Transfer of County Pro Complete, sign, and return to Auditor's Office	operty
Date: 07-23-2020 Fixed Asset Tag Number: 18021	
Description of Asset: 2013 Ford Explorer, Silver (115,xxx miles)	
Requested Means of Disposal: Sell Trade-In Recycle/Trash Other, Explain	n:
Other Information (Serial number, etc.): VIN: 1FM5K8B8XDGA55436	RECEIVED
Condition of Asset: Good.	JUL 31 2020
Reason for Disposition: Vehicle was replaced in 2020.	BOONE COUNTY AUDITOR
Location of Asset and Desired Date for Removal to Storage: BCSD rear gravel parking lot	
Was asset purchased with grant funding? [YES NO If "YES", does the grant impose restriction and/or requirements pertaining to disposal? If yes, attach documentation demonstrating compliance with the agency's restrictions	YES NO and/or requirements.
Dept Number & Name: 1251 Sheriff Enforcement Signature Narrel U	extent 07/23/2020
To be Completed by: AUDITOR     6/1/12     G/L Account for Proceed       Original Acquisition Date	ds_2901-3835_
Original Acquisition Amount24,720	<u> </u>
Original Funding Source 2787	
Account Group 1605	
To be Completed by: COUNTY COMMISSION / COUNTY CLERK	
Approved Disposal Method:	
Transfer Department NameNumbe	ť
Location within Department	
Individual	
TradeAuctionSealed Bids	
Other Explain	
Commission Order Number 388 - 2020	
Date Approved	
Signature Complex atting	

https://boonecountymo-my.sharepoint.com/personal/dalexander\_boonecountymo\_org/Documents/Fixed Asset Disposal.docx

MAINSCR E	BOONE Fixed As	sset - View Only	BCPUBLIC	09:30:08 7/23/20
Trns <u>N</u> Tac Descriptior	g <u>18021</u> Tagged <u>Y</u> Tag Re n <u>2013 FORD EXPLORER 4X4</u>	aplaced N To 4DRAdjustme	nts in Process	ast Posted
Acquired	<u>6/01/2012</u> Acq Amt 1605 VEHICLES	24,720.00	Useful Life M	Ionths <u>84</u> 4,944.00
Acct Grp Category	<u>10</u> AUTOMOBILES		Res Val % 20	
Location	1251 SHERIFF		Tag in Book <u>N</u>	1
Purch Dept	2901 SHERIFF OPERATIONS		Book ID	
	Date <u>12/01/2018</u> Inv Stat	rections	nge	
Site Loc	Boone County Sheriff/Co	JITECTIONS		
Site Detl	<u>Fleet</u> FORD	Model <u>EXPLOR</u>	ER	
Make Serial	1FM5K8B8XDGA55436	Note		
Invoice	205778	Check <u>170842</u>		
Vendor	507 JOE MACHENS FO	RD INC		
Bid#	<u>C112091004</u>			
User <u>Calculated</u>	<u>Fields</u> Book Value			
Dep St Dt Adj Total		19,776.00-	Acm Dep Ytd	.00
* NOTES * F2=Key Scr	F3=Exit F	ost <u>24,720.00</u> 11=Grant	F23=Bid F22=His	st F24=More



COLLECTIVE DATA								
Home Asset Oashboard	Employee Fuel Lo	Q Inspection	Parts Parts Order	Calick Meter Update	To Do List Worl	K Order PM Sc	heduled Tasks	Work
Filter: - Stancard - 🗸 E	nter burn bene brûder	Apply	Clear 🔤 🤤 Advar	loed				
+ K K A 131 ci 600 Records	> > + +	Save	18021: 2013 For	rd Explorer				
🕿 Run Report 🛛 👦 Ad-Hoc Rep	ori							
Main Specifications Acqu	isition Info Attach	ed Assets Tool:	s Scheduling	Details Documents	Pictures Tires	Occupants	Life Cycle / D	epreciat
General Info								
Tempister	i enicle				,			¥1.,
Asset No.1				`(ea	2013			
Fixed Asset No.	16021		8					
Type	23. Passenger/BUV		<b>7</b>	Sub Тура				<b>.</b>
Make	Ford		<b>x</b> [1,.]	Mcce	Explorer			٠
V es	115,531.0			Miles Uposteo	• [1] (37/22/2020	ie.f		
License Plate No			i and the second is a second is a second is a second second second second second second second second second s	License Plate Stati				.*.
1. M	1FV5%2B8XDGA5643	5				Ŷ		
Location			(2 - 2 - 2 - 2 - 4 (2 - 2 - 2 - 2 - 4)	n an		98 (F.F.) 1 5 (F.F.)		
Lession	02-Gherffs Debarmer	t and Jali	<b>*</b> [.,	Departmen	t - 1251-Sheriff's Dep	anment	A 11 4 2	٠
		-		1666 1518 183 - 106 E I II	1×5 10 + 0+ 1		e e	

8021: 2013 Ford Exp	olorer		VIN: 1FM5K	8B8XDGA554	Liconse Pl	ale:		
			ster: 0.0		No Meter: 00			
		Local	lon: 02-She	riff's	Departm			
	Recall:	Campa				ale:		
	External WO:	Ven	dor: 132 - S	HERIFF OIL		nv#: ⊙#:		
WOM	Onen Date	Close Date	Sta		Downtime		ident	
16331	05/06/2013	05/06/2013	Clo	sed	0 00			
	Description: A							
Detall	D	scounte	Paris	Labor	lires	Other	Total	
Service A						\$0.00	\$0.00	
Light Check			\$0.00	\$0.00		20,00	\$0.00	
Miscellaneous			\$0,00	\$0.00				
Miscellaneours Credit	Labor	\$0.00		40.00				
Other		\$0,00				\$0.00		
Lube, Oil & Filter			\$22.50	\$0.00		\$0.00	\$22.50	
Miscellaneous	Pads		\$22.50					
Miscellaneous			1.00	\$0.00				
Credit		\$0.00						
Other						\$0.00		
						*** ***	\$22.50	
		\$0.00	\$22,50	\$0,00	\$0.00	\$0.00	222.00	
8021: 2013 Ford Explorer		м	VIN: 1FM5H	EB8XDGA55	License Pl	ate:		
			No Motor: 0.0			eter: 0.0		
		Loca	tion: 02-She	a ffix	Dupartm			
	Rocall:	Camps				late:	173+	
WD.# 16776	Open Data 07/10/2013	Gioan Date 07/10/2013		itus ised	Downtime 0.00	Acc	hient	
	Description: F	RPL BATTERY						
Detall		Incounts	Parts	Labor	Tires	Other	Total	
RPL BATT			\$0.00	\$0.00		\$0.00	\$0.00	
Miscellaneous			\$0.00	50.00				
Miscellaneous	Labor	\$0.00		\$0.00				
Credit Other		20.00				\$0.00		
BATTERY			\$109.95	\$0.00		\$0.00	\$109.95	
BXT65-850 (1.	000)		\$109.95	40.00				
Miscellaneous	Parts		\$0.00					
Miscellaneous				\$0,00				
Credit		\$0.00						
Olher						\$0.00	647 OF	
Work Order Labo			\$0.00	\$17.00		\$0.00	\$17,00	
Miscellaneous	Parts		\$0.00	547.00				
M0053 (0.50)	1			\$17.00 \$0.00				
Miscellaneous Credil	Labor	\$0.00		an 00				
Other		40.00				\$0,00		
		\$0.00	\$109.85	\$17.00	\$0.00	\$0.00	\$126.95	
				K6B6XDGA554	License P			
18021: 2013 Ford Ex	piorer		111an: 10.355		FICCUSO L			
			later: 0.0	50		eter: 0.0		
			tion: 02-Sh	eriffs	Departn	ient: 1251-S	herlff6	

<u>WO #</u> 26424 Detail	Open Dale 10/15/2013	Close Date	Sta			POW	
Detail		10/15/2013	Clor		Downtime 0.00	Acc	deni
Detail	Description:	FI AT REPAIR					
23 - BIG O TIRÉ, D REPAIR	L	jiscounta	Parla	Labor	Tires	<u>Olher</u> \$15.95	<u>Total</u> \$15.85
		\$0.00	\$0.00	\$0.00	\$0.00	\$15,95	\$15.95
8021: 2013 Ford Explorer		Mi	les: 12,163	8BBXDGA554 0	License F		
			ter: 0,0 on: 02-She	dffs		leter: 0.0 nent: 1251-Si	eriff's
	Recall:	Campal	gn #			Date:	
	External WO:	Vene	dor: 132 - S	HERIFF OIL		lnv#: PO#:	
WO # 26423	Open Date 12/16/2013	Close Date 12/16/2013	<u>Sta</u> Clo		Downtime 0.00		ldeni
	Description:						
Detail		Discounta	Paria	Labor	Ticen	Other	Total
Service A Light Check			\$0.00	\$0.00		\$0,00	\$0.00
Miscellaneous I Miscellaneous I			\$0.00	\$0.00			
Credit	abor	\$0.00		\$0.00			
Other			\$29.45	\$0.00		\$0.00	\$29.45
Lube, Oll & Filter Miscellaneous	Parts		\$29.45			40.00	
Miscellaneous I	Labor	\$0.00		\$0,00			
Credit Other		\$0,00				\$0,00	
		\$0,00	\$29.45	\$0.00	\$0.00	\$0.00	\$29.45
6021: 2013 Ford Ex	olorer			888XDGA554	License Plate:		
			les: 15,544	0	No N	loter: 0.0	
		Local	lon: 02-She	riff's	Departs	nent:	
WO #	Recall: Open Data	Campai Close Data		tus	Downtime	Date: Acc	Ident
25240	02/04/2014	02/04/2014		sed	0.00		
1. J. 1.	Description:	RPL WIPERS	Parts	Labor	Tires	Other	Total
Work Order Labo WIPERS (1,00	r D)	UNSCHUME.	\$10.51 \$10.51 \$0.00	\$6.80	1104	\$0.00	\$17.31
Miscellaneous M0053 (0.20)	Parts		0.00	\$6.80			
Miscellaneous Credit	Lapor	\$0.00		\$0.00			
Other		\$0.00				\$0,00	
		\$0.00	\$10.51	\$6,80	\$0.00	\$0.00	<u>\$17.31</u>

Work Order Detail

8021: 2013 Ford Explorer			VIN: 1FM5K6B8XDGA554 Miles; 18,615,0			License Plate:			
			es: 18,615 ter: 0.0	0	No Meter: 0.0				
			on: 02-She	riff's	Departme	ent: 1251-Sh	eriff's		
	Recall:	Campal	an#			ale:			
WOW	Queri Data	Close Date	Sta		Downtima	Accl	dent		
26182	07/21/2014	07/21/2014	Clo	sed	0.00				
	Description: B						-		
Detall	Ú.	acounta	Paris	Labor	TITEE	Other	Total		
Service A									
Light Check			\$0.00	\$17.00		\$0,00	\$17.00		
Miscellaneou	us Parts		\$0,00						
	ght, Terry (0.50)			\$17.00					
Miscellaneou	is Labor			\$0.00					
Credit		\$0.00				\$0.00			
Other							\$44.37		
Lube, Oil & Filt			\$27.37	\$17.00		\$0,00	344-31		
	OIL SYNTHETIC		\$16.68						
blend (6.000			\$1.72						
	IL FILTER (1.000)		\$1.72						
	ASE: DRUM		90 00						
	JPER (5 000)		\$5.57						
AF10242: AI			40.01						
INTERCEPT Shan output	es: Shop supplies		\$2.55						
(1.000)	ar on the doubles		42.04						
(1.000) Miscellaneo	ie Porte		\$0.00						
M0053 - Kol	ght, Terry (0.50)		10.00	\$17.00					
Miscellaneo	gint labor			\$0.00					
Credit		\$0.00							
Other						\$0.00			
Service B									
Replace Fuel F	lites		\$15,91	\$3,40		\$0.00	\$19.31		
	EANER (1.000)		\$15.91				•		
Miscellaneo	EANER (1000)		\$0.00						
M0052 . Kol	ghi, Terry (0.10)		40.00	\$3.40					
Miscellaneo				\$0.00					
Cradii	10 C0001	\$0.00							
Other						\$0.00			
<b>Preventive Mai</b>			\$11.62	\$17.00		\$0.00	\$28.62		
	BIN FILTER		\$11.62						
(1.000)									
Miscellaneo			\$0.00	847.00					
M0053 - Kni	ght, Terry (0.50)			\$17.00					
Miscellaneo	us Labor			\$0.00					
Credil Other		\$0.00				\$0.00			
Other									
		\$0.00	\$54.90	\$54.40	\$0.00	\$0,00	\$109.30		
18021 2013 Ford	Explorer			BB8XDGA554	License P	inte:			
			les: 18,624	0					
			ter: 0.0			ater: 0.0	o riff n		
			ion: 02-Sh	A PRIME		ent: 1251-SI	nerm's		
	Recall: External WO:	Campal Ven	gn# dor: 133 - 5	HERIFF	1	late: nv#: 133146			
		Close Date		dua	F Downlime	•O#:	Ident		
26195	Open Date 07/21/2014	07/21/2014		sed	0.00				
20190	0112 112014	3116 116014	00		227				

#### Work Order Detail

	Description: R Commente: R	EPLACE 4 TI				Other	Total
Detall	D	acounta	Parts	Labor	Tires	Other	lota
		\$0.00	\$0.00	\$0,00	\$474.00	\$0.00	\$474.00
8021: 2013 Ford Exp	lorer	N	VIN: 1FM54 Hies: 24,370	K8B8XDGA554	License Pi		
	Recall:		eter: 0.0 Iton: 02-Sh	eriffs	Departm	eter: 0.0 ient: 1251-Si late:	reriff's
WO# 113251	Open Date 02/17/2015	Cione Date 02/17/2015	នា	atus osed	Downtime 0.00	Acc	deni
	Description: A	PMBATT					
Detail Service A		scounts	Parts	Labor	Tires	Other	Tola
Light Check Miscellaneous F	Parte		\$0.00 \$0.00	\$17.00		\$0.00	\$17.00
M0053 - Knight, Miscellaneous L	Terry (0.50)			\$17.00 \$0.00			
Credil		\$0.00				50.00	
Other Lube, Oll & Filter 6W20: ENG OII	SYNTHETIC		\$33,26 \$28,14	\$17.00		\$0,00	\$50.26
blend (6.000) OF22500: OIL F			\$1.72				
DRUM GREAS	ER (5.000)		\$0.85				
Shop supplies: (1.000)	Shop supplies		\$2.55				
Miscellaneous / M0053 - Knight	, Terry (0.50)		\$0.00	\$17.00			
Miscellaneous L Credit	_abor	\$0.00		\$0.00		\$0.00	
Other							
Electrical MTP-65: BATTE			\$111.85 \$111.95	\$17.00		\$0.00	\$128.8
Miscellaneous 6 M0053 - Knight	Parts Terry (0.50)		\$0.00	\$17.00			
Miscellaneous I	labor	50.00		\$0.00			
Credil		\$0.00				\$0.00	
Tires Miscellaneous f	Parts		\$0.00 \$0.00	\$13.60		\$0.00	\$13.60
M0053 - Knight	Terry (0.40)			\$13.60	17 E		
Miscellaneous I Credit	Labor Commanta: F Labor	\$0.00	5	\$0.00			
Other		30,00				\$0.00	
		\$0.00	\$145.21	\$64.60	\$0.00	\$0.00	\$209.81
8021: 2013 Ford Exp	plorer		VIN 1FMS	KERBXDGA55	License P	late:	
		No N	leter: 0.0			eter: 0.0	anff a
	Recall: External WO:	Camp	ition: 02-Sh ilgn # ndor: 133 -		· .	nent: 1251-S Date: Inv#: 143516	içini S

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#### Work Order Detail

						POR			
WO # 113802	Open Dala 04/23/2015	Close Date 04/23/2015		atus osed	Dowotime 0.00		tnat		
	Description								
Detail		alnuozeiC	Parts	Labor	liras	Othat	Total		
		\$9.00	\$0,00	\$0.00	\$15.00	\$0.00	\$15.00		
8021: 2013 Ford Ex		M No Mi Local	lles: 25,810 aler: 0.0 lon: 02-Sh		Depart	Plate: Motor: 0,0 ment: 1251-Sh Dale:	eriffs		
	Recali; External WO;	Campa Ven	dor: 133 - 1	SHERIFF		Inv#: 143518			
WO.# 113918	Open Data 04/23/2015	Close Data 04/23/2015		atus beed	Downtime 0.00		dent		
Detall	Description:	Fust repair Discounts	Parts	Labor	Ilres	Other	Total		
		\$0.00	\$0,00	\$0.00	\$15.95	\$0,00	\$15.95		
8021: 2013 Ford Explorer		M No M	VIN: 1FM5K8B8XDGA554 Miles: 30,745.0 No Moter: 0.0			No Mater: 0.0			
	Local Campa	lon: 02-Sh	eriffe	Depart	Iment: 1251-Sh Date:	ieriff's			
WO# 138080	Recall: Open Date 12/03/2015	Close Date 12/03/2015	Bt	alus osed	Downlime 0.00		deni		
	Description:	BATTAWIPERS							
Detail Electrical MTP-65: BATT Miscellaneous M0053 - Knigh Miscellaneous	ERY (1 000) Parts I, Terry (0 50)	Discounts	Parts \$112.95 \$112.95 \$0.00	Labor \$17.00 \$17.00 \$0.00	Itens	<u>Olbar</u> \$0.00	<u>Iotal</u> \$129_95		
Credil	Labor	\$0,00				\$0.00			
Olher Wipens SP-22: WIPER Miscellaneous M0053 - Knigh	Parts I, Terry (0.20)		\$10.10 \$10.10 \$0.00	\$6.80 \$6.80		\$0,00	\$16.90		
Miscellaneous Credil Olher	Labor	\$0.00		\$0.00		<b>\$0</b> .00			
		\$0.00	\$123.05	\$23.80	\$0,00	\$0.00	\$146.85		
18021: 2013 Ford Ex	plorer		les: 32,18	K6B8XDGA554 8.0	License		1.21		
	Recall:	No M Loca Campa	ster: 0.0 tion: 02-Sh	uoriff'a	No Depar	Meler: 0.0 (ment: 1251-Sh Date:	aTheorem		
WO # 138403	Open Data 02/04/2016	Close Date 02/05/2016	81	osed	Downtim 0,00		ident		
	Description:								

	UID: WASHER	washer fluid Discounts	Parts \$2.56 \$2.56	Labor \$3.40	Tires	01her \$0.00	<u>Total</u> \$5.96
FLUID (128.0			\$0.00				
	s Parts (gomery, William		\$0.00	\$3,40			
(0,10)	Labor Comments:	filt washer fluid					
Miscellaneou				\$0,00			
Credit Other		\$0.00				\$0.00	
		\$0,00	\$2.56	\$3.40	\$0,00	\$0.00	\$5.96
18021: 2013 Ford E	xplorer	м	iles: 32,669	8B8XDGA554 0	License I		
			ster: 00			leter: 0.0 mont: 1251-Shi	100-
			tion: 02-She	inn's		Tient: (201-01) Date:	8111 5
	Recall: External WO:	Campa Ven		HERIFF OIL		Inv#: 460741	
WO # 138572	Open Date 02/19/2016	Close Date 02/19/2016	Sla		Downtime 0.00	Acch	ient
Detail Service A	1 +	Discounts	Parts	Labor	Ilias	Other	Total
Light Check			\$0.00 \$0.00	\$0,00		\$0.00	\$0.00
Miscellaneou Miscellaneou			90.00	\$0.00			
Credit	IS LOUG	\$0.00		40,00			
Other		***				\$0,00	
Lube, Oll & Filt	86		\$30.45	\$0.00		\$0,00	\$30.45
Miscellaneou	is Parts		\$30,45	eo 00			
Miscellaneou	is Labor	eo 00		\$0,00			
Credit Other		\$0,00				\$0.00	
Tire Rotation			\$9.00	\$0.00		\$0.00	60.00
Miscellaneou	is Parts		\$0.00				
Miscellaneou				\$0.00			
Credit		\$0,00				40.00	
Other						\$0,00	
		\$0.00	\$30.45	\$0.00	\$0.00	\$0.00	\$30.45
18021: 2013 Ford E	Explorer		VIN: 1FM5H	BRADGA55	License	Plate:	
		No M	eter: 0.0 tion: 02-Sho		Depart	Aeter: 0.0 ment: 1251-Sh	eriff"s
and the second second	Recall;	Campa			Downtime	Dale: Accl	dent
WQ M 139305	Open Data 06/19/2016	Gione Date 08/19/2016		itus ised	0.00	ALL.	MALLA .
1000		APM/BPM/CPM		1.1	Tires	Olher	Total
Detall		Discounta	Parte	Labor		Lunar	10160
Service A Light Check			\$0.00	\$17.00		\$0.00	\$17.00
Miscellaneou	is Perte		\$0.00				
M0053 - Knl	ghi, Terty (0.50)			\$17.00			
Miscellaneou	is Labor			\$0_00			
	0						
Report Created by p	A THE OWNER AND A THE OWNER AND A	1	7/23/2620 9:	52 244			Page 6 of

# Work Order Detail

	\$0.00				\$0.00	
				N	40.00	\$159.27
	\$0.00					\$139.21
plorer		Miles: 40,8				
(in set)	Loc	ation: 02-	Sheriffs	Depart	ment: 1251-S	heriff's
			Status			ident
01/24/2017				0.00		
Description:	REAR BRAK	ES				
		Parts	Labor	Tires	Other	Tola
		\$102.93	\$34.00		\$0.00	\$136.93
Jul Divide						
01088 (2 000)		\$70.44				
Torne (1.00)		40.00	\$34.00			
ii. leny (1.00)						
Labor	£0.00		40.00			
	40.00				\$0.00	
		en on	\$40.10			\$10.20
			\$10,40		40.00	
		20.00	640.00			
nt, Terry (0.30)						
Labor			\$0.00			
	\$0.00					
					20 00	
	\$0.00	\$102.93	\$44.20	\$0.00	\$0.00	\$147.13
plorer				License	Plate:	
			032.0	M- 1	0.0	
	No	Meter: 0.0	ast rought			hadfie
			Sheriffa	Depart		191115
					Acc	iden.
03/24/2017	03/24/201	7	Closed	0,00		
Description	check engine	flabt				
			i ahor	Tires	Other	Tola
	Concernance.				\$0.00	\$122.55
harcool capieter						
USICOSI CAUSION		400 33				
Deste		\$0.00				
		30.00	624.00			
; Labor	80 GA		40.00			
	20.00				\$0.00	
					30.00	
	\$0.00	\$88,55	\$34.00	\$0.00	\$0.00	\$122.55
kplorer				License	Plate:	
	No	Meter: 0.0				
	Lo	cation: 02-	Sheriff's	Depart	ment: 1251-S	henms
Recall:	Cam	palgn #	- SHERIFF		Date: Inv#: 186682	
	Description: EAR BRAKE (DTORS (2.000) Parts In Terry (0.00) Labor (0.0	No Loc Description: HEAR REAK Dirac/2011 Description: HEAR REAK Dirac/2011 Labor \$0.00 IParts I, Terry (0.30) Labor \$0.00 S0.00 cplorer He Description: Check engine Discription: S0.00 S0.00 S0.00 splorer	Opioner         VN: 1Fr. Milles: 40,0           Racell:         Constants           Opinal Data         Chase Data           Opinal Data         Oraz 2020           Oraz 2020         \$1724/2017           Description:         HEAR BRAKES           Discountis         \$1024           Discountis         \$1023           COTORS (2000)         \$70.44           Parts         \$30.00           Labor         \$0.00           Labor         \$0.00           Labor         \$0.00           S0.00         \$102.39           Conscription:         Campaign #           Open Data         S0.00           S0.00         \$102.93           Open Data         Campaign #           Olacountis         \$288.55           Parts         \$30.00           S0.00         \$0.00           S0.00         \$30.00           Labor         \$30.00           S0.00         \$30.00           S0.00         \$30.00           S0.00         \$30.00           S0.00         \$30.00           S0.00         \$30.00           S0.00         \$30.00           S0.00	Epilorer         VN:: 1FMSK8884XDGA55- Miles: 40,559.0           No. Meter: 0.0 Location: 02-Sheriffs         No. Meter: 0.0 Location: 02-Sheriffs           Dam. Data 01/24/2017         Chose Data 01/24/2017         Sheka 01/24/2017           Desoription: HEAR BRAKES Discounts         Parts 5102-33         Labor 5102-33           DATA         Stoke 01/24/2017         Sheka 01/24/2017           Corres 10:00         \$10,20           Desoription: HEAR BRAKES Discounts         Stoke 5102-23           DATA         \$22,49           Labor         \$10,20           Store         \$24,00           Labor         \$0,00           \$0,00         \$10,20           Labor         \$0,00           \$0,00         \$10,20           Labor         \$0,00           \$0,00         \$10,20           Labor         \$0,00           \$0,00         \$10,20           S0,00         \$10,20	Epilorer         VN: 1FMSK888XDGA55/ Milles: 40,550         License No Meser: 00,590         No H           Parcell:         Conserption Discounts         Status         Downline Downline Discounts         Downline Discounts         Discounts         Discounts	Epilorer         UN: 1FMSK808XDGA55         License Plate:           No. Miles: 40,559.0         No. Meter: 0.0         Department: 1251-5           Deman Data         Comes Data         Data           Oldar.Data         Comes Data         Status           Discounts         Filds         Labor           Discounts         Status         Down Office           No Meter: 0.0         Status         Down Office           (COTRS (2000)         S7/0.44         Status           (COTRS (2000)         S10.20         Status           Stator         Status         Down Office           (COTRS (2000)         S10.20         Status           Stator         Status         Downlina           Open Date:         Compains         Status           Open Date:         Compains         Status           Open Date:

#### Work Order Detail

				WOIN OIGH	
Credit	\$0.00			\$0.00	
Olher		\$35.02	\$17.00	\$0.00	\$52.02
Lube, Oil & Filter		\$35.02 \$24.84	\$17.00	40.00	***.VL
5W20 SYN: SYNTHETIC		<b>4</b> 24.04			
ENGINE OIL (6 000)		\$1.57			
OF22500: OIL FILTER (1.000) DRUM GREASE: DRUM		\$0.80			
GREASE SUPER (5.000)		40.00			
AF10242: AIR FLTR		\$4.58			
INTERCEPTO (1.000)		¥1.00			
Shop supplies: Shop supplies		\$3.23			
(1.000)					
Miscellaneous Parts		\$0.00			
M0053 - Knight, Terry (0.50)			\$17.00		
Miscellaneous Labor			\$0.00		
Credit	\$0.00				
Other				\$0.00	
Tire Rotation		\$0.00	\$13.60	\$0.00	\$13.60
Miscellaneous Parts		\$0.00			
M0053 - Knight, Terry (0.40)			\$13,60		
Miscellaneous Labor			\$0.00		
Credit	\$0.00				
Olher				\$0,00	
Service B					
Check Brakes		\$0.00	\$0.00	\$0.00	\$0.00
Miscellaneous Perts		\$0,00			
M0053 - Knight, Terry (0.00)			\$0.00		
Labor Comments: 1	BRAKES OK				
Miscellaneous Labor			\$0.00		
Credit	\$0.00				
Other	*****			\$0.00	
Replace Fuel Filter		\$16.00	\$3.40	\$0.00	\$19.40
44K; INJ CLEANER (1.000)		\$16.00			
Miscellaneous Parts		\$0.00			
M0053 - Knight, Terry (0.10)			\$3.40		
Miscellaneous Labor			\$0.00		
Gredit	\$0.00				
Other				\$0.00	
Service C					
Change Transmission Fluid		\$5.89	\$3.40	\$0.00	\$9.29
60902E: LUBE GAURD (1.000)		\$5.89	*		
Miscellaneous Parts		\$0.00			
M0053 - Knight, Terry (0.10)			\$3.40		
Miscellaneous Labor			\$0.00		
Credit	\$0 OD				
Olher				\$0.00	
Replace wiper blades		\$20.33	\$6.80	\$0.00	\$27.13
11-G: WIPER BLADE (1,000)		\$9.99			
SP-22: WIPERS (2.000)		\$10.34			
Miscellaneous Parts		\$0.00			
M0053 - Knight, Terry (0.20)			\$6.80		
Miscellaneous Labor			\$0.00		
Credit	\$0.00			80.00	
Other				\$0.00	
Preventive Maintenance		\$3.83	\$17.00	\$0.00	\$20.83
CF1230: CABIN FILTER		\$3.83			
(1 000)		200			
Miscellaneous Parts		\$0.00			
M0053 - Knight, Terry (0.50)			\$17.00		
Miscellaneous Labor			\$0.00		
					Page 7 of

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#### Work Order Detail

Work Order Detail

		-			Downtima	PO#: Acci	dent
WO # 140431	Open Date 03/24/2017	Glons Date 03/24/2017	Sta		0.00	BELL	
		Replaced 1 tre	Parta	Labor	Tirea	Other	Intal
Delal		LIBEONUL	Eatta	Lanar	11164		
		\$0,00	\$0.00	\$0.00	\$107,68	\$0,00	\$107.6B
8021: 2013 Ford Exp	lorer	MW	85: 43,873	8B8XDGA554 0	License f		
		No Me	ler; 0.0	-	NoN	teter: 0.0 ment: 1251-St	
	55 (2047		on: 02-She	WIT 5		Dale:	IB(III 6
	External WO:		jn# ior: 132 - S	HERIFF OIL		Inv#: 468512	
	External wo.					PO#:	
WO # 140666	Open Date 06/16/2017	Close Date 06/16/2017		sed	Downtime 0.00	Acc	dent
Detail Service A		Discounts	Parts	Labor	Îlras	Olber	Total
Light Check Miscellaneous I	Parts		\$0.00 \$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous I				\$0.00			
Credit		\$0.00				50.00	
Other Lube, Olf & Filter			\$30.85	\$0.00		\$0.00	\$30.95
Miscellaneous I	Parts		\$30.95				
Miscellaneous				\$0.00			
Credit		\$0,00				\$0.00	
Other Tire Rotation			\$6.25	\$0.00		\$0.00	\$6.25
Miscellaneous			\$6,25				
Miscellaneous	Labor	\$0.00		\$0.00			
Credit Other		\$0.00				\$0.00	
		\$0.00	\$37.20	\$0.00	50.00	\$0.00	\$37,20
18021: 2013 Ford Ex	lorer		VIN: 1FM5	K888XDGA554	License	Piale:	
		61	fins: 48,449	0,0		Vieter: 0.0	
		No M	iter: 0.0	and the second second		ment: 1251-S	heriff's
	Recall	: Campa	lan#		Copert	Date:	
	External WO		dor: 132 -	SHERIFF OIL		Inv#: 469880 PO#:	
WQ.# 140828	Open Date 08/04/2017	Close Date 08/04/2017	St	atua baed	Downtime 0.00	Acc	ident
<u>Detail</u> Service A		Discounts	Parla	Labor	Tires	Other	Total
Light Check			\$0.00 \$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous Miscellaneous			90,00	\$0.00			
Credit		\$0,00				*** ***	
Other			450 OF	\$0.00		\$0.00 \$0.00	\$30.95
Lube, Oll & Filter Miscellaneous	Darla		\$30.95 \$30.95	20,00		40,00	444,44
Miscellaneous	Labor		400 00	\$0.00			
Credit		\$0.00					

						50.00	
Other Tire Rotation Miscellaneous	. Pade		\$0.00 \$0.00	\$0.00		\$0,00 \$0.00	\$0,00
Miscellaneous			30.00	\$0.00			
Ciedit		\$0.00					
Other						\$0,00	
		\$0.00	\$30,95	\$0.00	\$0.00	\$0.00	\$30.95
		195	soni filmata				
021: 2013 Ford E	xplorer		VIN: 1FM5KE Miles: 48,990,0 Aster: 0.0	BBBXDGA554 0		Neter: 0.0	
			ation: 02-Sher	iff's	Depart	ment: 1251-St	neriffs
	Recall:		algn #	ICDIC .		Date: Inv#; focs176	\$0.2
	External WO:	Ve	inder: 134 - Si	HERIFF		PO#:	004
<u>WO #</u> 140852	Open Date 08/15/2017	Close Dat 08/15/2013			Downtime 0.00	Acc	ldant
Detail		Discounts	Parts	Labor	Tires	Other	Total
Fuel System		Line parties	\$438.90	\$0.00		\$0.00	\$438.90
Miscellaneou			\$438.90	\$0.00			
Miscellaneou Credit	is Labor	\$0.00		\$0.00			
Other		40,00				SO 00	
		\$0.00	\$438.90	\$0.00	\$0.00	\$0,00	\$438.90
021: 2013 Ford E	Explorer		Miles: 54,055	6B8XDGA554 0	License		
		Loc	Meter: 0.0 ation: 02-She palgn #	riff's		Meter: 0.0 ment: 1251-S Date:	heriffs
WQ#	Recall Open Date	Close Dat		tus	Downilm		ident
141114	10/16/2017	10/16/201			0.00		
and a second	Description	apm/bpm Discounts	Parts	Labor	Tires	Other	Total
Detall Service A		Discounts	Falls	Langett.	Turne.		
				\$17.00		\$0.00	\$17.00
Light Check	- Derte		\$0.00	\$17.00		\$0,00	
Light Check Miscellaneou	us Parts obt. Terry (0.50)		\$0.00 \$0.00	\$17.00		30,00	
Light Check Miscellaneou M0053 - Knk Miscellaneou	ght, Terry (0.50)					\$0,00	
Light Check Miscellaneou M0053 - Knly Miscellaneou Credit	ght, Terry (0.50)	\$0.00		\$17.00			
Light Check Miscellaneou M0053 - Knij Miscellaneou Credit Other	ghi, Terry (0.50) us Labor	\$0.00	\$0.00	\$17.00		\$0.00 \$0.00	\$54.03
Light Check Miscellaneou M0053 - Knie Miscellaneou Credit Other Lube, Oll & Fill	ghi, Terry (0.50) us Labor	\$0.00		\$17.00 \$0.00		\$0.00	\$54.03
Light Check Miscellaneot M0053 - Knk Miscellaneot Credit Other Lube, Oll & Fill 5W20 SYN: ENGINE OIL	ghi, Terry (0,50) us Labor ler SYNTHETIC L (8.000)	\$0.00	\$0.00 \$37.03 \$26.16	\$17.00 \$0.00		\$0.00	\$54.03
Light Check Miscellaneot M0053 - Knij Miscellaneot Credit Other Lube, Oll & Fill SW20 SYN: ENGINE OIL OF22500: O	ghi, Terry (0.50) us Labor SYNTHETIC L (6.000) UL FiLTER (1.000)	\$0.00	\$0.00 \$37.03 \$26.16 \$1.38	\$17.00 \$0.00		\$0.00	<b>\$54.03</b>
Light Check Miscellaneou M0053 - Knly Miscellaneou Credit Olher Lube, Oll & Filt 5W20 SYN: ENGINE OIL 0F22500: 0 DRUM GRE	ghi, Teny (0.50) us Labor SYNTHETIC L (8.000) ul FiLTER (1.000) JASE: DRUM	\$0.00	\$0.00 \$37.03 \$26.16 \$1.38 \$0.85	\$17.00 \$0.00		\$0.00	<b>\$54.03</b>
Light Check Miscellaneou M0053 - Knij Miscellaneou Credit Other Lube, Oll & Fill SW20 SYNI: ENGINE OIL OF22500; O DRUM GRE GREASE St AF10242; AI	ght, Terry (0.50) us Labor SYNTHETIC L (8.000) JU: FILTER (1.000) JASE: DRUM UPER (5.000) IR FLTR	\$0.00	\$0.00 \$37.03 \$26.16 \$1.38	\$17.00 \$0.00		\$0.00	<b>\$54.03</b>
Light Check Miscellaneot M0053 - Knij Miscellaneot Credit Other Lube, Oll & Fill Sw20 SYN: ENGINE OIL OF22500: O DRUM GRE GREASE SI AF10242: A1 INTERCEPT	ght, Terry (0.50) us Labor SYNTHETIC L (8.000) IIL FILTER (1.000) JASE: DRUM UPER (5.000) IR FLTR TO (1.000)	\$0.00	\$0.00 \$37.03 \$26.16 \$1.38 \$0.85 \$4.64	\$17.00 \$0.00		\$0.00	\$54.D3
Light Check Miscellaneou M0053 - Knij Miscellaneou Credit Other Lube, Oll & Filt 5W20 SYN: ENGINE OIL 0F22500: O DRUM GRE GREASE SI AF10242: AI INTERCEPT Shop supplit	ght, Terry (0.50) us Labor SYNTHETIC L (8.000) JU: FILTER (1.000) JASE: DRUM UPER (5.000) IR FLTR	\$0.00	\$0.00 \$37.03 \$26.16 \$1.38 \$0.85	\$17.00 \$0.00		\$0.00	\$54.D3
Light Check Miscellaneou M0053 - Knij Miscellaneou Credit Other Lube, Oll & Fill 5W20 SYN: ENGINE Oll 0F22500: O DRUM GRE GREASE SI AF10242: AI INTERCEPT Shop supplit (1.000) Miscellaneou	ght, Terry (0.50) us Labor SYNTHETIC L(6.000) 11. FillTER (1.000) ASE: DRUM UPER (5.000) IR FILTR TO (1.000) se: Shop supplies us Parls	\$0.00	\$0.00 \$37.03 \$26.16 \$1.38 \$0.85 \$4.64	\$17,00 \$0,00 \$17,00		\$0.00	\$54. <b>0</b> 3
Light Check Miscellaneox M0053 - Knij Miscellaneox Credil Utbe, Oli & Filt SW20 SYN: ENGINE OIL OF22500: O DRUM GRE GREASE & AF 10242: AI INTERCEPI Shop supplik (1.000) Miscellaneox	ghi, Terry (0.50) us Labor SYNTHETIC (6.000) II. FILTER (1.000) JPER (5.000) II.FILTR FO (1.000) es: Shop supplies us Parts ghi, Terry (0.50)	\$0.00	\$0.00 \$37.03 \$26.16 \$1.38 \$0.85 \$4.64 \$4.00	\$17,00 \$0,00 \$17,00 \$17,00		\$0.00	\$54.03
Light Check Miscellaneou Miscellaneou Credit Lube, Oll Action ENGINE Oll OF22500: O DRUM GRE GREASE SI AF 10242: Al INTERCEPI Shop supplit (1.000) Miscellaneou M053 - Kni	ghi, Terry (0.50) us Labor SYNTHETIC (6.000) II. FILTER (1.000) JPER (5.000) II.FILTR FO (1.000) es: Shop supplies us Parts ghi, Terry (0.50)		\$0.00 \$37.03 \$26.16 \$1.38 \$0.85 \$4.64 \$4.00	\$17,00 \$0,00 \$17,00		\$0.00 \$0.00	\$54.03
Light Check Miscellaneox M0053 - Knij Miscellaneox Credil Uher Lube, Oli & Fill Sw20 SYN: ENGINE OIL OF22500: O DRUM GRE GREASE & AF10242: AI INTERCEPI Shop supplif (1.000) Miscellaneox	ghi, Terry (0.50) us Labor SYNTHETIC (6.000) II. FILTER (1.000) JPER (5.000) II.FILTR FO (1.000) es: Shop supplies us Parts ghi, Terry (0.50)	\$0.00	\$0.00 \$37.03 \$26.16 \$1.38 \$0.85 \$4.64 \$4.00	\$17,00 \$0,00 \$17,00 \$17,00		\$0.00	\$ <b>54.</b> 03
Light Check Miscollaneox M0053 - Knij Miscollaneox Credil Uher Lube, Oli & Filt Sw20 SYN: ENGINE OIL OF22500: O DRUM GRE GREASE BX AF10242: AI INTERCEPT Shop suppli (1.000) Miscollaneox Credit	ghi, Terry (0.50) us Labor SYNTHETIC (6.000) II. FILTER (1.000) JPER (5.000) II.FILTR FO (1.000) es: Shop supplies us Parts ghi, Terry (0.50)		\$0.00 \$37.03 \$26.16 \$1.38 \$0.85 \$4.64 \$4.00	\$17,00 \$0,00 \$17,00 \$17,00		\$0.00 \$0.00	\$54.03

# Work Order Detail

Tire Rotation			\$0.00	\$13.60		\$0.00	\$13.60
Miscellaneous M0053 - Knigh			\$0.00	\$13,60			
Miscellaneous				\$0,00			
Credit		\$0.00				\$0.00	
Other						30 00	
Service B							
Check Brakes			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous			\$0.00	\$0.00			
M0053 - Knigh	l, Terry (0,00)	hankan of		20.00			
Miscellaneoue	Labor Comments:	DIAKes DK		\$0.00			
Credit	Lauor	\$0.00		•••••			
Olber		101-1				\$0,00	
Replace Fuel Fill	ər		\$16.00	\$3.40		\$0.00	\$19.40
44K: INJ CLE/	NER (1.000)		\$16.00				
Miscellaneous			\$0.00	*** 40			
M0053 - Knigh				\$3.40 \$0.00			
Miscellaneous	Labor	\$0.00		\$0.00			
Credit		\$0.00				\$0.00	
Other							
Preventive Maini	enance		\$4.00	\$17.00		\$0.00	\$21.00
CF1230: CAB			\$4.00				
(1.000)							
Miscellaneous			\$0.00	\$17.00			
M0053 - Knigh				\$17.00			
Miscellaneoue Credil	Laoor	\$0.00		0000			
Olber		45.00				\$0.00	
CHIN							
		\$0.00	\$57.03	\$66.00	\$0.00	\$0.00	\$125.03
021: 2013 Ford E	plorer			(8B8XDGA554	License Pl	ate:	
			Miles: 55,652	.0			
		No A	Aeter: 0.0		No M	iter; 0,0	bariffe
			ation: 02-She	Brints	Uepartm	ent: 1251-S	
	Recall:		algn# ndor: 133 - S			nvn¥; 195753	
	External WO:	Ve	nuor: 153+3	IL COLL		PO#:	
WO #	Open Data	Close Dat		atus	Downiime		ideni.
141230	11/03/2017	11/03/2017		ised	0,00		
	Description:	Raplaced 4 fin	es/alignment				
Detail	2.001101000	Discounts	Parts	Labor	Time	Other	Total
		\$0.00	\$0.00	\$0.00	\$505.72	\$0.00	\$505.72
3021: 2013 Ford E	rolorer			K8B8XDGA554	License P	late:	0.5
			Miles: 55,680	0,0			
			Meter: 0.0		No M	eler: 0.0	haviffe
	1257-114		ation: 02-Sh	eune		ent: 1251-5	ang na S
	Recall		algn∦ andor: 134 - S	RUEDIEE		nvil: focs20	5367
	Esternal WO:	ve ve	indor: 134 - 3	SUENILL		POW	
WO #	Open Date	Close Dal	4 St	atua	Downtime		cident
141270	11/10/2017	11/10/201		osed	0.00		
14/210		1997 (A. 5-5) ( A					
-	Description	Ropair Power					
Detall		Discounts	Parts				
							Page 11

Shafta			1,683.69	\$0.00	Tiras	01bar \$0.00	<u>Total</u> \$1,683.69
Miscellaneous P Miscellaneous L		•	1,083.09	\$0.00			
Credit	abor	\$0.00					
Other						\$0.00	
							\$1.683.69
		\$0.00	1,683.69	\$0,00	\$0.00	\$0.00	21.003.03
3021: 2013 Ford Exp	lorer		lles: 59,999	8B8XDGA554	License Pl		
			aler; 0.0	1.44		ter: 0.0 ent: 1251-S	hadffe
			tion: 02-She	riff's		ate:	10111 6
	Recall;	Campa	lign.⊮ hdor: 137 - 5	UEDIEE OII		W: 17033	21
	External WO:	. Ver	1001: 13/ - 13	HENIFF OIL		O#:	
WO #	Open Date	Close Date	Sta	tun	Downtime		ident
141470	01/12/2016	01/12/2018			0.00		
Detail	100	Discounts	Paris	Labor	Tires	Other	Total
Service A			\$0.00	\$0.00		\$0.00	\$0.08
Light Check			\$0.00 \$0.00	30.00		40.00	40.00
Miscellaneous F Miscellaneous L			40.00	\$0.00			
Credil		\$0.00					
Other						\$0.00	£00.0-
Lube, Oll & Filter			\$29,95	\$0.00		\$0.00	\$29,85
Miscellaneous F			\$29.95				
Miscellaneous L	_abor	\$0.00		\$0.00			
Credit Other		\$0.00				\$0.00	
Tire Rolation			\$12,95	\$0.00		\$0,00	\$12.95
Miscellaneous	Parts		\$12.95				
Miscellaneous I				\$0.00			
Credit		\$0,00				\$0.00	
Olher						\$0,00	
		\$0.00	\$42.90	\$0.00	\$0.00	\$0.00	\$42.90
		e Sin		KBBBXDGA554	License Pi	ate:	
8021: 2013 Ford Exp	DIOTOF		Alles: 66,131		Cicoline Pr		
			fater: 0.0			eler: 0.0	
		Loca	tion: 02-She	eriff s		ent: 1251-5	Sheriffs
	Recall				D	ale:	700
	External WO	. Ve	ndor: 132 - 5	SHERIFF OIL		nv#: 17027 PO#:	
WO # 141824	Open Date 04/09/2018	Close Date 04/09/2016		alua oseci	Downtime 0.00	Ac	cidani
Detail		Discounts	Paris	Labor	Tires	Other	Total
Service A Light Check			\$0.00 \$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous Miscellaneous			-00.00	\$0.00			
Credil		\$0.00					
Other						\$0.00	100.07
Lube, Oll & Filter			\$29.95	\$0,00		\$0,00	\$29.95
Miscellaneous			\$29.95	\$0.00			
	Labor	\$0.00		20.00			
Miscellaneous							
		40,00					
Miscellaneous		40,00					

#### Work Order Detail

Other Tire Rotation			\$12.95	\$0.00		\$0.00 \$0.00	\$12.95
Miscellaneous	Parts		\$12.95	30.00		+0.00	
Miscellaneous				\$0.00			
Credit		\$0.00					
Other						\$0.00	
		\$0.00	\$42.90	\$0.00	\$0,00	\$0.00	\$42.90
3021: 2013 Ford Ex	plorer		VIN: 1FM5K	8B8XDGA554	License Pi	ate:	
		M	iles; 71,796.	0			
			aler: 0.0			ter: 0,0	
			tion: 02-She	ent a		ent: 1251-SH als:	verin s
	Recell: External WO:		lgn # dor: 133 - S			are: w#; 204259	
	External WO:	Ven			P	O#:	
WOB	Open Date	Close Dale	Slat		Downtime 0.00	Acc	<u>ident</u>
142045	06/14/2018	05/14/2018	Clos	sea	0.00		
Datal	Description:	Discounta	Parts	Labor	Tirea	Other	Total
Datall		DIACRUNIA	Fath	Lauor	11104	<u>DEIEI</u>	10.00
		\$0,00	\$0.00	\$0.00	\$20.00	\$0.00	\$20.00
8021: 2013 Ford E	xplorer			BEXDOA554	License P	ate:	
			lles: 72,189	.0		ter: 0.0	
261			eter: 0.0 finn: 02-She	100		ent: 1251-Si	hariffe
	Recall:					ale:	
WOM	Open Date	Close Date		dus	Downlima		ident
142059	06/19/2018	06/19/2018	Clo		0.00		
	Description	APMBPMCPM	MDPM/FRON	TBRAKES/RE	ARURAKES		
Datali		Discounts	Paris	Labor	lican	Other	Total
Service A						\$0.00	\$17.00
Light Check	Deste		\$0.00 \$0.00	\$17.00		30,00	411100
Miscellaneous M0053 - Kolol	ht, Terry (0.50)		40.00	\$17.00			
woodd - Milgi	Labor Comments	a: MVI					
Miscellaneout				\$0.00			
Credit		\$0.00				80.00	
Other			***	\$17.00		\$0,00 \$0,00	\$50.08
Lube, Oll & Filte			\$33.08 \$26.16	\$17.00		\$0.00	320.00
5W20 SYN: S ENGINE OIL			420.10				
OF22500 OIL	FILTER (1 000)		\$1.38				
DRUM GREA			\$0.90				
GREASE SU	PER (5 000)						
AF10242: AIF			\$4.64				
INTERCEPTO Miscellaneous			\$0.00				
	ht, Terry (0.50)		40.00	\$17.00			
Miscellaneou	s Labor			\$0.00			
Credit		\$0.00				FO 00	
Other			PA 44	e + 1 = 0		\$0.00	\$13.60
Tire Rolation	- Darta		\$0.00 \$0.00	\$13.60		40.00	414.00
Miscellaneou M0053 - Kolo	ht. Terry (0.40)		40.00	\$13.60			
Miscellaneou				\$0.00			
Credit		\$0.00					
-							
							Page 13 of
Report Crealed by co	ilectiveFieet 7.0		07/23/2020 0	52 AM			-

			eo 00	
Olher			\$0.00	
Service B			\$0.00	\$499.33
Check Brakes	\$431.00	\$68.00	\$0.00	4433-33
BRF1467 BRAKE PADS	\$72 69			
(1.000)	\$72.69			
BRF1531 BRAKE PADS	\$12.09			
(1.000)	\$127.52			
BRRF70 ROTORS (2 000)	\$155.74			
BRRF75 ROTORS (2 000) 611-094-1 LUG NUT (1 000)	\$2.69			
Miscellaneous Parts	\$0.00			
M0053 - Knight, Terry (2.00)	\$0.00	568.00		
Miscellaneous Labor		\$0.00		
Credit	\$0.00			
Olher			\$0.00	
Replace Fuel Filter	\$35.00	\$34.00	\$0.00	\$70.00
2902: IND CLEAN (1.000)	\$36.00			
Miscellaneous Parts	\$0.00			
M0053 - Knight, Terry (1.00)		\$34.00		
Labor Commenta	IND CLEAN			
Miscellaneous Labor		\$0.00		
Credit	\$0,00			
Other			\$0.00	
Service C				
Change Transmission Fluid	\$64.44	\$34.00	\$0.00	\$98.44
310: PWS ATC (1.000)	\$11.00			
GLOBALTRANS: SYN ATF	\$53.44			
(16,000)				
Miscellaneous Parts	\$0.00			
M0053 - Knight, Terry (1.00)		\$34,00		
Miscellaneous Labor		\$0.00		
Gredit	\$0.00			
Olher			\$0.00	647.44
Replace wiper blades	\$10.34	\$6,80	\$0.00	\$17.14
SP-22: WIPERS (2,000)	\$10.34			
Miscellaneous Parts	\$0.00			
M0053 - Knight, Terry (0.20)		\$6.80		
Miscellaneous Labor		\$0.00		
Credit	\$0.00		F0.00	
Other			\$0.00	
Service D				\$74.22
Change Spark Plugs	\$23.22	\$51,00	\$0,00	314.22
SP520 (6.000)	\$23.22			
Miscellaneous Parts	\$0.00			
M0053 - Knight, Terry (1.50)		\$51.00		
Miscellaneous Labor		\$0,00		
Credit	\$0.00		\$0.00	
Other			30.00	
Ignition System	60.00	\$10,20	\$0.00	\$10.20
Miscellaneous Parts	\$0.00	·	1.50	
M0053 - Knight, Terry (0.30)	10.00	\$10.20		
Miscellaneous Labor		\$0.00		
Credit	\$0.00			
Olher			\$0.00	
Preventive Maintenance	\$4.60	\$17.00	\$0.00	\$21.80
CF1230: CABIN FILTER	\$4.80			
(1.000)				
Miscellaneous Parts	\$0.00			
M0053 - Knight, Terry (0.50)		\$17.00		
	25			
				Page 14 of
	07/23/2920 5			

### Work Order Detail

Miscellaneou Credit Other	s Labor	\$0,00		\$0.00		50,00	
		\$0.00	\$603.21	\$268.60	\$0.00	\$0.00	\$871.81
18021: 2013 Ford E	xplorer		VIN: 1FM5	K8B8XDGA554	License Pl	ate:	
	Recall: External WO:	No M Loca Campa	eter: 0.0 tion: 02-Sh	eriffe	Departm D	ent: 0.0 ent: 1251-St ate: nv#: 204597 20#:	eriff's
WO# 142088	Open Date 06/21/2018	Ciose Dale 06/21/2018	SI CI	alus osed	Downtime 0.00		dent
Detail	۵	Iscounts	Paris	Labor	Tires	Other	Total
		\$0.00	\$0.00	\$0.00	\$20.00	\$0.00	\$20.00
18021: 2013 Ford E	Explorer	N	VIN: 1FM5 liles: 72,59	K8B8XDGA554 1.0	License P		
	a	Loca	eter: 0.0 tion: 02-Sh	ierill's	Departm	eter: 0.0 ment: 1251-Si bale:	neriff's
WO.# 142120	Open Date 07/02/2018	Campa Close Date 07/02/2016	SI	osed	Downlime 0.00		Ident
	Description:	ug nut			1000		
Datall Tires 8G1Z-1012- (1.000)	A: LUG NUT	lecounte	Parts \$7.11 \$7.11	Labor \$6.80	lices	<u>Olhar</u> \$0.00	<u>Total</u> \$13,91
Miscellaneo	ght, Terry (0.20)		\$0.00	\$6.80 \$0.00			
Credit Other		\$0.00				\$0.00	
		\$9.00	\$7-11	\$6.80	\$0,00	\$0.00	\$13.91
18021: 2013 Ford		No N Loci	files: 77,99 leter: 0.0 ition: 02-51		Departm	eter: 0.0 1ent: 1251-S	herlffs
	Recall: External WO:	Campa Ver	ndor: 132 -	SHERIFF OIL	Ť	Date: Inv#: 170254 PO#:	38
WO # 142416	Open Data 09/10/2018	Close Date 09/10/2018		telus losed	Downline 0.00		ident
Detall Service A	C C C C C C C	liscounts	Parts	Labor	Trea	Other	Total
Light Check Miscellaneo			\$0.00 \$0.00	\$0.00		\$0.00	\$0.00
Miscellaneo Credit Other	us Labor	\$0.00		\$0.00		\$0.00	
Lubs, Oil & Fil	ter		\$29.95	\$0.00		\$0.00	\$29.95

## Work Order Detail

							-
Miscellaneou	is Parts		\$29,95				
Miscellaneou				\$0.00			
Credit		\$0.00					
Other		12				\$0.00	
Tire Rotation			\$12.95	\$0.00		\$0.00	\$12,95
Miscellaneou	is Parts		\$12,95				
Miscellaneou	a Labor			\$0.00			
Credit		\$0.00				S0.00	
Other						\$0,00	
		\$0.00	\$42,90	\$0.00	\$0.00	\$0.00	\$42.9
8021: 2013 Ford 4	Explorer		VIN: 1FM58 Des: 84,115	KEBEXDGA55	License Pi	late:	
			ater: 04,555	1.4	No Me	ater: 0.0	
			tion: 02-Sh	and the		ent: 1251-Sh	wiff's
	n	Campa		ann a		ate:	2111.2
	Recall: External WO:	Ven	dor: 132 - 1	SHERIFF OIL		nv#: 2069077	8
		diana Paris		stus	Downtime	Accla	tent
WO # 142711	Open Date 11/21/2018	Class Data 11/21/2015		osod	0.00	Gues	
Detail		Discounts	Parts	Labor	Tires	Olhar	Tota
Service A Light Check			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneo			\$0,00	\$0.00			
Credit		\$0.00					
Other						\$0.00	
Lube, Oll & Fill	er		\$29.95	\$0.00		\$0.00	\$28.9
Miscellaneo			\$29.85				
Miscellaneo				\$0.00			
Credit	09 50001	\$0.00					
Olher						\$0.00	
Tire Rotation			\$0.00	\$0.00		\$0.00	\$0.0
Miscellaneo	us Paris		\$0.00				
Miscellaneo				\$0.00			
Credit		\$0.00					
Other						\$0.00	
12		\$0.00	\$29.95	\$0.00	\$0.00	\$0.00	\$29,8
8021: 2013 Ford	Explorer		VIN: 1FM5 Illes; 84,11	K8B8XDGA554 5.0	License P	late:	
			eter: 0.0			eter: 0.0	
		Loca	tion: 02-Sh	orifi s	Departm	ent: 1251-Sh	eriff's
	Recall:		lan#		0	)ale:	
	External WO:	Ver	udor: 132 -	SHERIFF OIL		nv#: 2069077	
WO # 142858	Open Date 11/21/2018	Close Date 11/21/2018		osed	Downling 0.00	Acci	deni
Detail		Discounts	Parts	Labor	Tires	Other	Tola
Service A				** **		\$9.00	\$0,0
			\$0.00	\$0.00		20.00	\$0.U
Light Check			\$0.00				
Miscellaneo				\$0.00			
Miscellanec Miscellanec	us Labor						
Miscellaneo	us Labor	\$0.00				\$0.00	

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#### Work Order Detail

					101		
Lube, Oll & Filter Miscellaneous			\$29.95 \$29.95	\$0.00		\$0,00	\$29,95
Miscellaneous			420 00	\$0.00			
Credit		\$0.00					
Other						S0 00	\$0.00
Tits Rotation Miscellaneous	D		\$0.00 \$0.00	\$0,00		\$0.00	\$0.00
Miscellaneous			\$0.00	\$0.00			
Credit	Cavor	\$0.00		40.00			
Other						\$0.00	
		\$0.00	\$29,95	\$0.00	\$0,00	\$0,00	\$29.95
021: 2013 Ford Ex	plorer		IN: 1FM5K	BB8XDGA554	License Pi	ate:	
			ter: 0.0			ler: 0.0	
			on: 02-She	ariff's		ent: 1251-SI	neriff's
	Recall	Campal		IFOILE		ate: w#: 210919	
	External WO:	Vend	jor: 133 - S	MERIFF		1V#: 210919 O#:	
WO # 142713	Open Date 11/24/2018	Close Date 11/24/2016	Sia		Downiime 0.00		Ident
1421 (5					0,00		
	Description: F				-	011	Total
Detail		lacounts	Parts	Labor	Trea	Other	Total
		\$0.00	\$0.00	\$0,00	\$430.72	\$0,00	\$430.72
1021: 2013 Ford Ex	plorer			BBBXDGA554	License Pi	ate:	
			les: 89,821 ter: 0.0	.0	No Mr	ter: 0.0	
			on: 02-She	viffs	Daparim	eni: 1251-S	heriffs
	Recall:	Campal				ate:	
WO #	Open Dale	Closs Date		tus	Downtinue	Acc	Ident
143095	02/08/2019	02/08/2019	Cla	sed	0.00		
	Description: 4	PM/BPM/F MA	RKER LIGH	TSCLEAN BA	TT CABLES		
Detail		Iscounte	Paris	Labor	Tires	Other	Total
Service A						\$0.00	\$17.46
Light Check 194: BULB (2.)	0001		\$0.46 \$0.46	\$17.00		\$0.00	\$11.40
Miscellaneous			\$0.40				
				\$17.00			
M0053 - Knigh							
M0053 - Knigh Miscellaneous	nl, Terry (0.50)			\$0.00			
M0053 - Knigh Miscellaneous Credil	nl, Terry (0.50)	\$0.00				50.00	
M0053 - Knigh Miscellaneous Credil Other	ni, Terry (0.50) Labor	\$0.00		\$0.00		\$0.00	\$44.26
M0053 - Knigh Miscellaneous Credit Other Lube, Oll & Filter 5W20 SYN: S	ni, Terry (0.50) Labor r YNTHETIC	\$0.00	\$24.26 \$17.28			\$0.00 \$0.00	\$41.26
M0053 - Knigh Miscellaneous Credit Other Lube, Oll & Filter 5W20 SYN: S ENGINE OIL (	ni, Terry (0.50) Labor YNTHETIC 6.000)	\$0.00	\$17.28	\$0.00			\$41.26
M0053 - Knigh Miscellaneous Credit Other Lube, Oll & Filter 5W20 SYN: S' ENGINE OLL OF22500: OLL	nl, Terry (0.50) Labor YNTHETIC 6.000) FILTER (1.000)	\$0.00		\$0.00			\$41.26
M0053 - Knigh Miscellaneous Credit Other Lube, Oll & Filter 5W20 SYN: S ENGINE OIL (	nl, Terry (0.50) Labor YNTHETIC 6.000) .FILTER (1.000) SE: DRUM	\$0.00	\$17.28 \$1.44 \$0.90	\$0.00			\$41.26
M0053 - Knigh Misceilaneous Credit Other Lube, Oll & Filter 5W20 SYN: S' ENGINE OLL OF22500: OLL DRUM GREAS GREASE SUF AF10242: AIR	nt, Terry (0.50) Labor YNTHETIC 6.000) FILTER (1.000) SE: DRUM YER (6.000) FLTR	\$0.00	\$17.28 \$1.44	\$0.00			\$41.26
M0053 - Knigh Misceilaneous Credit Other Eude, Oll & Filter 5W20 SYN: S' ENGINE OLL ( OF22500: OLL DRUM GREA: GREASE SUP AF10242: AIR INTERCEPTO	n, Terry (0.50) Labor YNTHETIC 6,000) .FILTER (1.000) SE: DRUM YER (5.000) FLTR 9 (1.000)	\$0.00	\$17.28 \$1.44 \$0.90 \$4.64	\$0.00			\$41.26
M0053 - Knigh Misceilaneous Cradil Other Lube, Oll & Filter Sw20 SYN: S' ENGINE OLL OF22500: OLL DRUM GREA: GREASE SUP AF10242: AIR INTERCEPTO Misceilaneous	nt, Terry (0.50) Labor YNTTHETIC 6.000) FILTER (1.000) SE: DRUM YER (5.000) FLTR FLTR (1.000) Parts	\$0.00	\$17.28 \$1.44 \$0.90	\$0,00			\$41.26
M0053 - Knigh Misceilaneous Credit Other Lube, Oll & Filter 5W20 SYN: S' ENGINE OLL OF22500: OLL DRUM GREA: GREASE SUP AF10242: AIR INTERCEPTO Misceilaneous M0053 - Knigh	n, Terry (0.50) Labor YNTHETIC 6 6000) FILTER (1.000) SE: DRUM SER (5.000) FLTR (1.000) Parts A, Terry (0.50)	\$0.00	\$17.28 \$1.44 \$0.90 \$4.64	\$0,00 \$17.00 \$17.00			\$41.26
M0053 - Knigh Miscellaneous Cradil Other Lube, Oll & Filter 5w20 SYN: S ENGINE OLL ( OF22500: OLL DRUM GREAL GREASE SUP AF10242: AIR INTERCEPTO Miscellaneous M0053 - Knigh	n, Terry (0.50) Labor YNTHETIC 6 6000) FILTER (1.000) SE: DRUM SER (5.000) FLTR (1.000) Parts A, Terry (0.50)		\$17.28 \$1.44 \$0.90 \$4.64	\$0,00			\$41.26
M0053 - Knigh Misceilaneous Credit Other Lube, Oll & Filter 5W20 SYN: S' ENGINE OLL OF22500: OLL DRUM GREA: GREASE SUP AF10242: AIR INTERCEPTO Misceilaneous M0053 - Knigh	n, Terry (0.50) Labor YNTHETIC 6 6000) FILTER (1.000) SE: DRUM SER (5.000) FLTR (1.000) Parts A, Terry (0.50)	\$0.00	\$17.28 \$1.44 \$0.90 \$4.64	\$0,00 \$17.00 \$17.00		\$0.00 \$0.00	
M0053 - Knigh Miscellaneous Credil Lube, Oll & Filter SW20 SYN: S' ENGINE OLL ( OF22500: OLL DRUM GREA: GREASE SUP AF10242: AIR INTERCEPTO Miscellaneous Credil	n, Terry (0.50) Labor YNTHETIC 6 6000) FILTER (1.000) SE: DRUM SER (5.000) FLTR (1.000) Parts A, Terry (0.50)		\$17.28 \$1.44 \$0.90 \$4.64	\$0,00 \$17.00 \$17.00		\$0.00	\$41.26 \$13.6D
M0053 - Knigh Miscellaneous Cradii Olher Lube, Oll & Filie SW20 SYN: S' ENGINE OLL OFZ2500: OLL ORUM GREA: GREASE SW1 AF1024 SUP Miscellaneous Cradii Olher	n, Terry (0.50) Labor YNTHETIC 6 6000) FILTER (1.000) SE: DRUM SER (5.000) FLTR (1.000) Parts A, Terry (0.50)		\$17.28 \$1.44 \$0.90 \$4.64 \$0.00	\$0,00 \$17.00 \$17.00 \$0,00		\$0.00 \$0.00	

Miscellaneous Parts		\$0.00				
M0053 - Knighl, Terry (0.40)			\$13.60			
Miscellaneous Labor			\$0.00			
Credil	\$0.00					
Olher					\$0.00	
Service B						
Check Brakes		\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous Perts		\$0.00				
M0053 - Knight, Terry (0.00)			\$0.00			
	ents: BRAKES OK		\$0.00			
Miscellaneous Labor	\$0.00		20.00			
Credit	\$0.00				\$0.00	
Other Replace Fuel Filter		\$16.00	\$3.40		\$0.00	\$19.40
44K: INJ CLEANER (1.000)		\$16.00	97.40		40.00	
Miscellaneous Parts		\$0.00				
M0053 - Knight, Terry (0.10)		¥0.00	\$3.40			
Miscellaneous Labor			\$0.00			
Credil	\$0.00					
Other					\$0.00	
Proventive Maintenance		\$4.31	\$17.00		\$0.00	\$21.31
CF1230: CABIN FILTER		\$4.31	411.00		40.40	
(1.000)						
Miscellaneous Parts		\$0.00				
M0053 - Knight, Terry (0.50)			\$17.00			
Miscellaneous Labor			\$0.00			
Credil	\$0.00					
Other					\$0.00	
Road Test		\$0.00	\$10.20		\$0.00	\$10.20
Miscellaneous Parts		\$0.00				
M0053 - Knight, Terry (0.30)			\$10.20			
Miscelianeous Labor			\$0.00			
Credit	\$0.00					
Other					\$0.00	
	\$0.00	\$45.03	\$78.20	\$0.00	\$0.00	\$123.23
021: 2013 Ford Explorer		VIN: 1FM5	K8B8XDGA554	License	Plate:	() (max (a) () = 1, 0, 10)
6		Villes: 91,47:	3.0			
		Aster: 0.0			Aeter: 0.0	
		etion: 02-Sh	11771 S		ment: 1251-S	neriff's
	scell: Camp				Date:	
WO # Open Date			atua	Downtime	Acc	Ident
143178 03/01/2019	03/01/2019	) Ci	beed	0,00		
	tion: REAR WHEEL		1.1.1.1	Псев	Other	Total
Detail	Discounts	Parts \$313.02	Labor \$102.00	<b>LICKE</b>	\$0.00	\$415.02
Drive Axles 590446 HUB ASSEMBLYS		\$300.58	\$102.00		40.00	4413/02
(2.000) DG1Z-2C028-B SHIELD		\$6.30				
(1.000) DG1Z-2C029-B SHIELD		\$6.14				
(1.000) Miscellaneous Parts		\$0.00				
M0053 - Knighl, Terry (3.00)			\$102.00			
Miscellaneous Labor			\$0.00			
Credit	\$0.00					
Olher					\$0.00	
Road Test		\$0,00	\$10.20		\$0.00	\$10,20

### Work Order Detail

8021: 2013 Ford Explorer     VIN: 1FMSK8B8X0GA55/ Miles: 92,392.0     No Meter: 0.0 Department: 1251-Sheriff's       WD #     Open Date     Clease Date     No Meter: 0.0 Department: 1251-Sheriff's       WD #     Open Date     Clease Date     Status       0311 / 2013     Ostation 127-Sheriff's     Department: 1251-Sheriff's       Datall     Description: FRONT STRUTS     Deminitias     Ascident       Macolineous Parte     50.00     \$10.20     \$0.00       Macolineous Parte     50.00     \$10.20     \$0.00       Macolineous Parte     50.00     \$0.00     \$0.00       Macolineous Labor     50.00     \$0.00     \$0.00       Credit     50.00     \$0.00     \$0.00       Sun Differ     \$0.00     \$149.71       AST12289 STRUT (1.000)     \$149.71       Miscellineous Parte     \$0.00       Miscel								
Credit Other         50.00         50.00         50.00           30.00         3313.02         \$112.20         \$0.00         \$0.00         \$425.22           8021: 2013 Ford Explorer         Wilk: 1FMKRBBX/GA554         License Plats         No Meter: 0.0 Department: 1251-Sheriff's           WD.8:         Chest Data OX11/2019         Chest Data OX12/2019         Chest Data OX12/2019         Status Status         Department: 1251-Sheriff's           WD.8:         Chest Data OX11/2019         Chest Data OX12/2019         Status         Department: 1251-Sheriff's           WD.8:         Chest Data OX11/2019         Chest Data OX12/2019         Status         Department: 1251-Sheriff's           Partal         Data Data Data Mocolineous Labor         Status         Status         Status           Mocolineous Labor         Status         Status         Status         Status           Mocolineous Labor         Status         Status         Status         Status           Mocolineous Labor         Status         Status         Status         Status           Status         Status         Status         Status         Status           Mocolineous Labor         Status         Status         Status         Status           Credit         Status <td< th=""><th>M0053 - Knigh</th><th>I, Terry (0.30)</th><th></th><th>\$0.00</th><th></th><th></th><th></th><th></th></td<>	M0053 - Knigh	I, Terry (0.30)		\$0.00				
Other         50.00           50.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.225.22           8021: 2013 Ford Explorer         Wile;         111: 15M/KKBSXDGASSr Mile;         License Plate:         No Meter: 0.0 Department: 121: 5bn:riffs           VID#         Description: FRONT STRUTT9 Description: FRONT STRUT79 Description: FRONT STRUT79 Description: FRONT STRUT79 Credit Test         Diacounia         Status         Department: 121: 5bn:riffs           Micediancous Parts         \$0.00         \$10.20         Status         Department: 121: 5bn:riffs           Micediancous Parts         \$0.00         \$10.20         Status         Discounta         \$0.00           Micediancous Parts         \$0.00         \$10.20         Status         Discounta         \$0.00           Other         \$0.00         \$10.20         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Stuppersion         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Stuppersion         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Stuppersion         \$0.00         \$0.00         \$0.00 <td< th=""><th></th><th>Labor</th><th></th><th></th><th>20.00</th><th></th><th></th><th></th></td<>		Labor			20.00			
S021: 2013 Ford Explorer         VIL: 1FMSK8BBXX0GA55: Miles: 22,392.0         No Meter: 0.0 Department: 1251-Sheiff's Department: 1251-Sheiff's Depa			\$0.00				\$0.00	
U231: 2013 Ford Explorer         UN: PMSRBBXDASS         Litering Pails:           Wies: 23:20 Hies: 23:20 Hies: 23:20 Hies: 23:20 Hies: 23:20 Hower: 0.0 Description: 125:5heiff's Description: 125:5heiff's Mission 23:00 Hies: 23:20 Hower: 0.0 Description: FRONT STRUTS Datail         Description: 125:5heiff's Description: 125:5heiff's Discription: 125:5heiff's Discription: 125:5heiff's Discription: 125:5heiff's Discription: 125:5heiff's Discription: 125:5heiff's Missions: 125:5heiff's Missions: 125:5heiff's Discription: 125:5heiff's Di			\$0.00	\$313.02	\$112.20	\$0.00	\$0.00	<u>\$425.22</u>
Location:         Description:         Consultant         Description: <thdescription:< th=""> <thdescription:< th=""></thdescription:<></thdescription:<>	021: 2013 Ford Ex	plorer		Miles: 92,39				
VICL#         Open Date         Close Date         Status         Description:         Accident           145230         Discription:         FRONT STRUTS         Close dott         0.00         Accident           Datall         Discription:         FRONT STRUTS         Tions         Dilac         Total           Maccilaneous Parts         50.00         \$10.20         \$0.00         \$10.20         \$0.00           Maccilaneous Parts         50.00         \$10.20         \$0.00         \$10.20         \$0.00         \$10.20           Maccilaneous Labor         50.00         \$10.20         \$0.00         \$0.00         \$10.20           Credit         S0.00         \$10.20         \$0.00         \$0.00         \$10.20           Suspension         \$33.46         \$66.00         \$0.00         \$4451.48           ACredit RACKETS (2.000)         \$343.46         \$76.20         \$0.00         \$461.66           Other         \$0.00         \$30.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$30.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$30.00         \$0.00         \$0.00         \$0.00         \$0.00           <			Lo	cation: 02-Sh	eriffs	Departm	nent: 1251-S	heriffs
143230         G3/13/2019         0.3/13/2019         Closed         0.00           Description: FRONT STRUT3           Datall Read Fast         Discounts         S0.00         \$10.20         Discounts         S0.00         \$10.20           Miscolancous Parts         \$0.00         \$10.20         \$10.20         \$0.00         \$10.20           Miscolancous Parts         \$0.00         \$10.20         \$0.00         \$0.00         \$10.20           Miscolancous Parts         \$0.00         \$10.20         \$0.00         \$0.00         \$0.00           Suspansion         \$10.20         \$10.20         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$149.71         \$0.00         \$66.00         \$0.00         \$451.45           Mitecilancous Parts         \$0.00         \$30.34.66         \$70.20         \$0.00         \$0.00           Mitecilancous Parts         \$0.00         \$30.34.66         \$70.20         \$0.00         \$0.00           Creadi         \$0.00         \$30.34.66         \$70.20         \$0.00         \$0.00         \$0.00           Data         External WO:         Vendor: 133 - SHERIFF         No Meter: 0.0         No Meter: 0.0         Desartmet: 1231-Sheriff's      <	2002 B 1 1 1 1 1							10000 I. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
Datall         Discounts         Parts         Labor         Jina         Dilac         Dilac           Mesel Test         50.00         \$10.20         \$0.00         \$10.20           M0055 - Knight, Torry (0.30)         \$0.00         \$10.20         \$0.00         \$10.20           M0055 - Knight, Torry (0.30)         \$0.00         \$0.00         \$10.20           M0055 - Knight, Torry (0.30)         \$30.00         \$0.00         \$0.00           Suspension         \$30.30         \$30.30         \$0.00           Actitizes STRUT (1.000)         \$149.71         \$0.00         \$0.00           Actitizes STRUT (1.000)         \$149.71         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00           Creat         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00           Creat         \$0.00         \$33.46         \$76.20         \$0.00         \$0.00           Creat         \$0.00         \$33.46         \$76.20         \$0.00         \$0.00         \$0.00           Dist         Firster \$2,467.0         No Meter: 0.0         No Meter: 0.0         Desartment: 1251-Sheriffs <td></td> <td>Open Date 03/13/2019</td> <td></td> <td></td> <td></td> <td></td> <td>Ass</td> <td>Ident</td>		Open Date 03/13/2019					Ass	Ident
Datall         Discounts         Parts         Labor         Jina         Dilac         Dilac           Mesel Test         50.00         \$10.20         \$0.00         \$10.20           M0055 - Knight, Torry (0.30)         \$0.00         \$10.20         \$0.00         \$10.20           M0055 - Knight, Torry (0.30)         \$0.00         \$0.00         \$10.20           M0055 - Knight, Torry (0.30)         \$30.00         \$0.00         \$0.00           Suspension         \$30.30         \$30.30         \$0.00           Actitizes STRUT (1.000)         \$149.71         \$0.00         \$0.00           Actitizes STRUT (1.000)         \$149.71         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00           Creat         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00           Creat         \$0.00         \$33.46         \$76.20         \$0.00         \$0.00           Creat         \$0.00         \$33.46         \$76.20         \$0.00         \$0.00         \$0.00           Dist         Firster \$2,467.0         No Meter: 0.0         No Meter: 0.0         Desartment: 1251-Sheriffs <td></td> <td>Description: F</td> <td>FRONT STR</td> <td>UTS</td> <td></td> <td></td> <td></td> <td></td>		Description: F	FRONT STR	UTS				
Read Test         \$0.00         \$10.20         \$0.00         \$10.20           Miscollancous Parts         \$0.00         \$10.20         \$0.00         \$10.20           Miscollancous Parts         \$0.00         \$10.20         \$0.00         \$10.20           Miscollancous Labor         \$0.00         \$0.00         \$0.00         \$0.00           Cheft         \$0.00         \$383.46         \$66.00         \$0.00         \$4451.48           AST12286 STRUT (1.000)         \$149.71         AST12286 STRUT (1.000)         \$149.71         AST12286 STRUT (1.000)         \$149.71           Miscollancous Parts         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           Miscollancous Labor         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00         \$0.00           S0.21: 2013 Ford Explorer         Vih: 1FMSK3BBXOGA55r         Locasion: (2.51selffs         Dariment: (251-Sheriffs           Recall:         Coanchair: 0.2         No Meter: 0.0         No Meter: 0.0         No Meter: 0.0           Lasternal WO:         Vondor: 133 - SHEIFF         Darinin	Detail					Tires		Total
Misciplianeous Pete         \$0.00         \$10.20         S0.00           M0035 - KNB(R) Terry (100)         \$10.20         \$0.00           Other         \$0.00         \$0.00           Suppension ACKETS (2.000)         \$34.46         \$66.00         \$0.00           AST12286 STRUT (1.000)         \$149.71         \$0.00         \$0.00           AST12286 STRUT (1.000)         \$149.71         \$0.00         \$0.00           MO055 - KNAph Terry (2.0)         \$66.00         \$0.00         \$0.00           Motogianeous Labor         \$0.00         \$0.00         \$0.00           Credit         \$0.00         \$0.00         \$0.00           Motogianeous Labor         \$0.00         \$0.00         \$0.00           Credit         \$0.00         \$0.847.0         \$0.00           Miles: 0.247.0         No Meter: 0.0         No Meter: 0.0           Location: 0.2 Shell*s         Department: 1251-Shelf*s         Department: 1251-Shelf*s           Recall:         Campaign #         Date:         Invit: 214861           VO &         Open Data         Closed         0.00         \$0.00           Miles: 0.247.0         No Meter: 0.0         No Meter: 20.0         \$0.00         \$25.00           Miles: 0.247.0	Road Test	-						\$10.20
M0035 - Knight, Terry (0.30)         \$10.20           Mercelaneous Labor Credit         \$0.00           Other         \$0.00           Statustics         \$149.71           AST12288 STRUT (1.000)         \$149.71           Miscelaneous Labor         \$0.00           Miscelaneous Labor         \$0.00           Credit         \$0.00           Miscelaneous Labor         \$0.00           Credit         \$0.00           States         \$0.00           States         \$0.00           States         \$0.00           States         \$0.00           Miscelaneous Labor         No Meter: 0.0           No Meter:         0.00           No Meter:         0.0           No Meter:         0.00           No Meter:         0.00           Description:         Alignment           Dascr		Parte						
Miceollaneous Labor Credit         S0.00           Credit         S0.00           Other         S0.00           Supportion         S383.46           AD1004 BRACKETS (2.00)         S48.467           AD1004 BRACKETS (2.00)         S48.76           MOD25 - KABAJ, Teny (2.00)         S68.00           MOD25 - KABAJ, Teny (2.00)         S0.00           S0.00         S0.00           Other         S0.00           S0.00         S0.00           Other         S0.00           S0.00         S0.00           Miles: 0.2467.0         No Meter: 0.0           No Motar: 0.0         Location: 0.2-Sheiff's           Department: 1251-Sheiff's         Date:           Recall:         Campaign #           Miles: 0.2467.0         No Meter: 0.0           No Meter: 0.0         No Meter: 0.0           Location: 0.2-Sheiff's         Date:           Tages 0.21 2013 Ford Explorer         VMA (2487.0           Miles: 0.2467.0         No Meter: 0.0	M0053 - Knigh	I, Terry (0,30)						
Other         50.00         50.00         5451.45           AD1024 BRACKETS (2000)         \$343.46         \$66.00         \$0.00         \$451.45           AD1024 BRACKETS (2000)         \$149.71         AST12286 STRUT (1.000)         \$149.71           AST12286 STRUT (1.000)         \$149.71         \$0.00         \$66.00           Miscelances Parts         \$0.00         \$66.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Upt         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00           Upt         \$0.00         \$0.00         \$0.00           Upt         \$0.00         \$0.00         \$0.00           Upt         \$0.00         \$0.00         \$0.00           Upt         Campaign #         Date:         Invet:           Upt         Campaign #         Date:         Invet:           Upt         Upt         Gampaign #         Date:         Invet:           Upt         Upt         Upt         So.00         \$0.00         \$0.00           Upt         Upt         Upt         S	Miscellaneous				\$0.00			
Surgenation         \$38.46         \$66.00         \$0.00         \$451.45           AD1044 BRACKETS (2.000)         \$44.971         \$44.971         \$44.971           AD1044 BRACKETS (2.000)         \$149.71         \$50.00         \$0.00           AST12286 STRUT (1.000)         \$149.71         \$50.00         \$0.00           M0053 - KNdph, Terry (2.00)         \$66.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00         \$0.00         \$0.00           Uter         WO.85         \$0.00         \$0.00         \$0.00         \$461.65           Uter         WO.85         KeR57.00         \$0.00         \$0.00         \$461.65           Uter         Vib: FMSK888XD6A55r         License Plate:         \$0.00         \$0	Credit		\$0.00					
AD 1094 BRACKETS (2 000)         \$\$49.05           AST 1228 STRUT (1.000)         \$149.71           AST 1228 STRUT (1.000)         \$149.71           Mitscellancous Parts         \$0.00           Mitscellancous Labor         \$0.00           Other         \$0.00           Statum         \$0.00           Other         \$0.00           Statum         \$0.00           Other         \$0.00           Statum         \$0.00           Other         \$0.00           Statum         \$0.00           Bacteria         \$0.00           Statum         \$0.								A 184
AST12280 STRUT (1.000) S149.71 Miccellaneous Parta S0.00 Miccollaneous Parta S0.00 Miccollaneous Labor S0.00 Other S0.00 S0.00 S0.00 S0.00 E461.65 S0.00 S0.00 S0.00 S0.00 E461.65 S0.00 S0.00 S0.00 S0.00 E461.65 S0.00 S0.00 S0.00 S0.00 E461.65 Miles: 82.47.0 No Meter: 0.0 Location: 0.2 Shell's Date: Invit: 221-Shell's Date: Invit: 221-Shell's Date: Invit: 214-83 Recall: Campaign # Date: Invit: 214-83 Miles: 82.47.0 S0.00 S0.00 E461.65 S0.00 S0.00 S0.00 E461.65 Miles: 82.47.0 No Meter: 0.0 Location: 0.2 Shell's Date: Invit: 221-Shell's Date: Invit: 214-83 FC 24 Open Data Close Date Status Downling Accident 143252 031442019 0314/2019 Closed 0.00 S0.00 S0.00 S75.00 S0.00 S75.00 S0.00 S75.00 S0.00 S0.00 S0.00 S75.00 S0.00 S75.00 Kiernal WC: Vendor: 132 - SHERIFF Invit: 121-Shell's Date: Invit: 214-85 S0.00 S0.00 S0.00 S75.00 S0.00 S75.00 S0.00 S75.00 S0.00 S0.00 S0.00 S75.00 Department: 121-Shell's Date: Invit: 214-85 S0.00 S0.00 S0.00 S75.00 S0.00 S75.00 S0.00 S75.00 S0.00 S0.00 S0.00 S75.00 Department: 121-Shell's Date: Invit: 121-Shel					\$68.00		\$0.00	\$451.48
AST12288 STRUT (1000)         \$148.71           Micecilancous Perts         \$0.00           Micecilancous Labor         \$0.00           Credit         \$0.00           S0.00         \$0.00           Credit         \$0.00           S0.00         \$0.00           Recell:         Comparing #           Comparing         Consectent C2-Sheriff's           Department:         \$21-Sheriff's           Department:         \$21-Sheriff's           Department:         \$21-Sheriff's           Department:         \$21-Sheriff's           Department:         \$21-Sheriff's           Department:         \$21-Sheriff's           Department:         \$21-Sheriff'	AD1084 BRAC	CKETS (2,000)						
Miccellaneous Peter         \$0.00         \$66.00           M0035 - KNehh Tarry (2.0)         \$0.00         \$0.00           M0035 - KNehh Tarry (2.0)         \$0.00         \$0.00           Other         \$0.00         \$0.00           S0.00         \$0.00         \$0.00           Other         \$0.00         \$0.00           S0.00         \$0.00         \$0.00           S0.10         \$0.00         \$0.00           S0.00         \$0.00         \$0.00           Miles: 62.467.0         No Meter: 0.0         Department: 1251-Sheriff's           Department: 120-Sheriff's         Department: 1251-Sheriff's         Department: 1251-Sheriff's           MO25         Open Date         Close Date         Status         Downlima           Accidant         District Alignment         Department: 1251-Sheriff's         Department: 1251-Sheriff's           M025         So.00         \$0.00         \$50.00         \$50.00         \$50.00 <t< td=""><td>AST12296 ST</td><td>RUT (1.000)</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	AST12296 ST	RUT (1.000)						
M0033 - Knight, Tarry (2.00)         S68.00           Miscellanous Labor         \$0.00           Credit         \$0.00           Other         \$0.00           S0.00         \$0.00           S0.00         \$0.00           S0.01         \$0.00           S0.02         \$0.00           S0.03         \$0.00           S0.04         \$0.00           S0.05         \$0.00           S0.06         \$0.00           S0.07         \$0.00           S0.08         \$0.00           S0.09         \$0.00           S0.00         \$0.00           S0.00         \$0.00           S0.00         \$0.00           S0.00         \$0.00           Miscellanos         Constrains           Recall:         Constrains           Constrains         Colstrains           S0.00         \$0.00           S0.00 </td <td>AST12298 ST</td> <td>RUT (1.000)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	AST12298 ST	RUT (1.000)						
Miscolaneous Labor Creat     \$0.00       Other     \$0.00       S0.00     \$0.00       Mile: 20.40     \$0.00       S0.00     \$0.00 <tr< td=""><td></td><td></td><td></td><td>20.00</td><td>CC0 00</td><td></td><td></td><td></td></tr<>				20.00	CC0 00			
Credit Other     \$0.00     \$0.00     \$0.00     \$0.00       \$0.00     \$303.46     \$76.20     \$0.00     \$0.00       \$021: 2013 Ford Explorer     Wilk: 1FMSK8B8XDGA55r Wilk: 62/487.0 No Meter: 0.0 Department: 1251-Sheriff's Date: 214881     Loanse Plate: Department: 1251-Sheriff's Date: 214881       ¥CD.#     Open Date     Class Date     Date: 214881       ¥YO.#     Open Date     Class Date     Status       YO.0     So.00     \$0.00     \$75.00     \$0.00       YO.0     \$0.00     \$0.00     \$75.00     \$0.00       YO.0     \$0.00     \$0.00     \$75.00     \$0.00       YO.0     X0.00     \$0.00     \$75.00     \$0.00       YO.0     Kater: 0.0     No Meter: 0.0     Department: 1251-Sheiff's       Date: 10.2     Compaign #     Date: 10.2     No Meter: 0.0       Kater: 10.2     No Meter: 0.0								
Other     50.00       S0.00     \$0.00       S0.00     \$0.00       S0.01     \$0.00       S0.02     \$0.00       S0.01     \$0.00       S0.02     \$0.00       S0.01     \$0.00       S0.02     \$0.00       S0.02     \$0.00       S0.01     \$0.00       S0.02     \$0.00       S0.01     \$0.00       S0.02     \$0.00       S0.03     \$0.00       S0.04     \$0.00       S0.05     \$0.00       S0.06     \$0.00       S0.07     \$0.00       S0.08     \$0.00       S0.09     \$0.00       S0.00		LEDO	*0.00		30.00			
S0.00     \$393.46     \$76.20     \$0.00     \$0.00     \$461.65       3021: 2013 Ford Explorer     Vik: 1FMSK888X06A55r     License Plate:       Mile: 82.487.0     No Meter: 0.0     Department: 1251-Sheriff's       Date:     Campaign #     Date:       WO.#     Open Date     Open Date       VO.#     Open Date     Open Date       VO.#     Open Date     Date:       VO.#     Open Date     Date:       VO.#     Open Date     Open Date       VO.#     Open Date     Date:       VIN:     FMSk6880CA55r     License Plate:       Mater:     Open Date     Date:       VIN:     FMSk6880CA55r     Date    <			20.00				\$0.00	
1021: 2013 Ford Explorer Wik: IFMSK8B8X0GA55r Miles: 82,457,0 No Meter: 0.0 Location: 02-Shelf7s External WO: Vendor: 132 - SHERIFF 143252 03114/2019 0311	Uther						30.00	
i Miles: 12,487,0 No Meter: 0.0 Location: 02-Shell's Department: 1251-Shell's Department: 1251-Shell's Date: Invit: 124801 Partment: 1251-Shell's Date: New Mater: 0.0 Locallon: 02-Shell's Date: Recall: Campion & Date: Invit: 1251-Shell's Date: Invit: 1251-Shell's Date: Invit: 20509210 Partment: 2051092019 Closed 0.00 No Meter: 0.0 Invit: 20509210 Partment: 2051092019 No Meter: 0.0 No Mete			\$0,00	\$383.48	\$76.20	\$0.00	\$0.00	<u>\$461.68</u>
i Miles: 12,487,0 No Meter: 0.0 Location: 02-Shell's Department: 1251-Shell's Department: 1251-Shell's Date: Invit: 124801 Partment: 1251-Shell's Date: New Mater: 0.0 Locallon: 02-Shell's Date: Recall: Campion & Date: Invit: 1251-Shell's Date: Invit: 1251-Shell's Date: Invit: 20509210 Partment: 2051092019 Closed 0.00 No Meter: 0.0 Invit: 20509210 Partment: 2051092019 No Meter: 0.0 No Mete	021- 2013 Ford Fr	nlorer		VIN- 1EM5	K8BBXDGA554	License P	into:	
No Meter: 0.0 No Meter: 0.0 Department: 1251-Sheriff's Department: 1251-Sheriff's Date: 1291-Sheriff's Date: 1291-Sheriff's Date: 1197-5heriff's Date: 1197-			2					
Location:         Description:         1251:Sheiff's Date:           WO.#         Onen.Date         Class.Date         Siltara         Date:           143252         Ogen.Date         Class.Date         Siltara         Downline         Accident           143252         O3/14/2019         03/14/2019         Class.Date         Siltara         Downline         Accident           143252         O3/14/2019         03/14/2019         Class.Date         Siltara         Downline         Accident           143252         O3/14/2019         03/14/2019         Class.Date         Siltara         Downline         Accident           143252         O3/14/2019         O3/14/2019         Class.Date         Siltara         Downline         Accident           143254         Oscorption:         Alignment         Extra         Labor         Tota           143254         Oscorption:         Alignment         Extra         Downline         Colara           1421: 2013 Ford Explorer         VIN: FM/5KG8BAXDGA554         License Plate:         Mater: 0.0         No Mater: 0.0         Downline         Colara         Date:         Date:         Date:         Date:         Date:         Date:         Date:         Date:         Date:         Date: </td <td></td> <td></td> <td>No</td> <td></td> <td></td> <td>No M</td> <td>eter: 0.0</td> <td></td>			No			No M	eter: 0.0	
Recall:         Campaign # External WO:         Date: Vendor: 133 - SHERIFF         Date: Ivwi: 214881 POF:           WO: #         Open Date 03/14/2019         Closed         Downlina 0.00         Accidant           Datall         Description: Alignment Datall         Description: Alignment Datall         Date: Ivwi: 214881 Datall         Downlina 0.00         Accidant           Status         Description: Alignment Datall         Description: Alignment Datall         Date: Ivwi: 2013         Date: Ivwi: 2013         Date: Ivwi: 2013           Status         Description: Alignment Datall         External WO:         Status         Downlina Closed         Status           Status         Description: Alignment Datall         External WO:         Status         Downlina Closed         Mater: 0.0 No Meter: 0.0 No Me					eriff's			heriff's
External WO:     Vendor: 133 - SHERIFF     Invit: 214881       WO.#     Ogen Data     Close Date     Statua     Downlina       143252     03114/2019     03114/2019     Closed     0.00       Description:     Alignment     Close     0.00       Data     Description:     Accidant       Data     Discountal     Parta     Labor       S0.00     \$0.00     \$0.00     \$75.00     \$0.00       S021: 2013 Ford Explorer     VIN: 1FM50688XDGA554     License Plate:       Matter: 0.0     No Mater: 0.0     No Mater: 0.0       Board     Company of 12.2 Sheriffs     Department: 121-Sheriffs       Recall:     Company of 132 - SHERIFF OIL     Invit: 20059210       FX0.#     Optiming     Closed     0.00		Recall:						
WO.# 143252         Open Data 03/14/2019         Close Date 03/14/2019         Statua 0.00         Downlina 0.00         Accidant           Datail         Description: Alignment Discounting         Darie         Labor         Titra         Dillar         Totail           S0.00         \$0.00         \$0.00         \$0.00         \$0.00         \$75.00         \$0.00         \$25.00           S021: 2013 Ford Explorer         VII: 1FM5K8B8KDGA55         License Plate: Millar: 05.99.0         No Meier: 0.0 Department: 120-Sheff's Department: 120-Sheff's Description: 132 - Sheff's Distanting Post External WO:         No Meier: 0.0 Vendor: 132 - Sheff's Distanting Post Invit: 2069210           WO #         Open Close 05/10/2019         Closed         0.00					SHERIFF	ī	nv#: 214881	
143232     03/14/2019     03/14/2019     Closed     0.00       Datall     Description: Alignment Discurption: Alignment Di								
Description: Alignment Diracumia         Parta         Labor         Tiras         Difac         Total           \$0.00         \$0.00         \$0.00         \$75.00         \$0.00         \$25.00           \$021: 2013 Ford Explorer         VIN: 1FM5K8882DGA554         License Plate:         Mass: 25.999.0         No Mater: 0.0           Matter: 0.0         Kanter: 0.0         No Mater: 0.0         Department: 1251:Shertiffs         Department: 1251:Shertiffs           Recall:         Companying #         Department: 1251:Shertiffs         Department: 1251:Shertiffs           WO:         Vendor: 32 - SHERIFF OIL         Invert: 000         FOH:           Y43584         Op/10/2019         Op/10/2019         Closed         0.00							Acc	Ident
Date         Discoursia         Parta         Labor         Disc         Disc         Total           \$0.00         \$0.00         \$0.00         \$0.00         \$75.00         \$0.00         \$25.00           \$021: 2013 Ford Explorer         VIN: 1FM5K888XDGA554         License Plate:         Mass: 25.999.0         No Meter: 0.0           Mass: 25.999.0         No Meter: 0.0         No Meter: 0.0         Department: 1251.5heaff's         Discoursity           Recall:         Consultant 02-Sheaff's         Disc         Disc         Disc           External WO:         Vondor: 32- SHERIFF Oil         Invert 20059210         POW:           YUG.#         Ops/10/2019         Op/10/2019         Closed         0.00			Alionmaol					
1921: 2013 Ford Explorer VIN: 1FM5K888XDGA55* License Plate: Milles: 95.999.0 No Meler: 0.0 Ne Meter: 0.0 No Meler: 0.0 Localion: 02-Shoriff's Department: 1251-Shoriff's Destimation: 125-Shoriff's Destimation of the second	Datall			Parta	Lahor	Tires	Other	Totel
Millers:         95,999.0         No Meter:         0.0           Nia Matter:         0.0         Localion:         025,0007         Department:         1251-Shelff's           Recall:         Campaign #         Date:         Date:         Date:         Date:         0.0           External WO:         Vendor:         132 - SHEIFF OLL         Invit:         20569210           WO:#         Onen Date         Class Date:         Status         Downlima         Accidant           143584         05/10/2019         05/10/2019         Closed         0.00         Accidant			\$0.00	\$0.00	\$0.00	\$75.00	\$0.00	\$75.00
Nis Materio 10.0         No Materio 10.0           Localioni 02-Shoriff's         Departmenti: 1251-Shoriff's           Recall:         Campaign #         Date:           External WO:         Vendor: 132 - SHERIFF OLL         Invit: 20569210           WO: #         Opan Data         Class Data         PO#:           143584         05/10/2019         05/10/2019         Closed         0.00	8021: 2013 Ford Ex	plorer				License P	late:	
Recall: Campaign # Date: External WO: Vendor: 132 - SHERIFF OIL Invit: 20659210 PO#: 143584 05/10/2019 05/10/2019 Closed 0.00 Accident				Meter: 0.0		No M Departm	aler: 0.0	hedfis
External WO: Vendor: 132 - SHERIFF OIL Invit: 20669210 POH: WO # Onon Data Close Data Status Downlima Accident 143564 05/10/2019 05/10/2019 Closed 0.00		Recell						
WO.#         Open Data         Close Data         Status         Downling         Accident           143584         05/10/2019         05/10/2019         Closed         0.00         0.00					SHERIFF OIL	ī	nv#: 206692	10
143584 05/10/2019 05/10/2019 Closed 0.00	WOR	Open Dale	Close Da	ia Si	atus			ldent
eport Created by collectiveField 7.0 07/23/2020 9.52 AM Page					•			
eport Created by collectiveField 7.0 07/23/2020 9-52 AM Page								
2014 A 1947 - CAASTA - CAAST	eport Created by col	wctweFleet 7.0		01/23/2020 9	MA 52-64			Page 19

# Work Order Detail

	Contraction Contraction	lacounts	Parts	Labor	Time	Other	Total
Dalali Service A		eçdunts.	Paru	LADOR	TIME	ALCONE.	10101
Service A Light Check			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous I	Darte		\$0.00	44.00		*****	
Miscellaneous			40,00	\$0.00			
Credit		\$0.00		40.00			
Other		40.00				\$0.00	
Lube, Oll & Filter			\$29.95	\$0,00		\$0.00	\$29,85
Miscellaneous	Parte		\$28.95				
Miscellaneous			440,00	\$0.00			
Credit	Caroo	\$0.00					
Other						\$0.00	
Tire Rotation			\$12.95	50.00		\$0.00	\$12,95
Miscellaneous	Parts		\$12.95				
Miscellaneous				\$0.00			
Cradil	Labor	\$0.00					
Other						\$0.00	
o titor							
		\$0.00	\$42.90	\$0.00	\$0.00	\$0.00	\$42.90
8021: 2013 Ford Ex	alorer			K6B8XDGA554	License I	Plate:	
over a evid Ford Exp			Illes: 102.0				
			eter: 0.0		No N	leter: 0.0	
			tion: 02-Sh	CONT'S.		ment: 1251-Sh	erill's
	Recall:	Campa				Dale:	
	External WO:	Var	dor: 132 -	SHERIFF OIL		Inv#: 2067899	н
	External WO:	VOI				PO#:	
WO #	Open Date	Close Dals		atus	Downtime 0.00	Acci	deni
144033	08/20/2019	08/20/2019		osed			
Detall Sarvice A	D D	iscounts	Paris	Labor	Tires	Other	Total
Light Check			\$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous	Paris		\$0.00				
Miscellaneous				\$0.00			
	Euro	\$0.00					
Credit						\$0.00	
Credit							\$35.70
Other			\$35.70	\$0.00		\$0.00	
Other Lube, Oil & Filter	Parte		\$35.70 \$35.70	\$0.00		\$0.00	
Other Lube, Oil & Filter Miscellaneous			\$35.70 \$35.70	\$0.00 \$0.00		\$0,00	
Other Lube, Oll & Filter Miscellaneous Miscellaneous		\$0.00				\$0.00	
Other Lube, Oll & Filter Miscellaneous Miscellaneous Credit		\$0.00				\$0.00	
Other Lube, Oil & Filter Miscellaneous Miscellaneous Credit Other		\$0.00				• 117	\$0.00
Other Lube, Oll & Filter Miscellaneous Credit Other Thre Rotation	Labor	\$0.00	\$35.70	\$0.00		\$0.00	\$0.00
Other Lube, Oli & Filter Miscellaneous Credit Other Tire Rotation Miscellaneous	Labor Parts	\$0.00	\$35.70	\$0.00		\$0.00	\$0.00
Other Lube, Oli & Filter Miscellaneous Credit Other The Rotation Miscellaneous Miscellaneous	Labor Parts		\$35.70	\$0.00 \$0.00		\$0.00	\$0.00
Other Lube, Oli & Filter Miscellaneous Credit Other The Rotation Miscellaneous Miscellaneous Credit	Labor Parts	\$0.00 \$0.00	\$35.70	\$0.00 \$0.00		\$0.00	\$0.00
Other Lube, Oli & Filter Miscellaneous Credit Other The Rotation Miscellaneous Miscellaneous	Labor Parts		\$35.70	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00
Other Lube, Oli & Filter Miscellaneous Credit Other The Rotation Miscellaneous Miscellaneous Credit	Labor Parts		\$35.70	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	
Other Lube, OH & Filter Miscellaneous Niscellaneous Credit Other Thre RoteLlon Miscellaneous Credit Other	Labor Parts Labor	\$0.00 \$0.00	\$35.70 \$0,00 \$0,00 \$35.70 VIN: 1FM5	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 License 1	\$0.00 \$0.00 \$0.00	
Other Lube, OH & Filter Miscellaneous Niscellaneous Credit Other Thre RoteLlon Miscellaneous Credit Other	Labor Parts Labor	\$0.00 \$0.00	\$35.70 \$0.00 \$0.00 \$35.70	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	License	\$0.00 \$0.00 \$0.00	<u>\$35.70</u>
Other Lube, Olf & Filter Miscellaneous Credit Other The Rotation Miscellaneous Miscellaneous Credit	Labor Parts Labor	\$0.00 \$0.00	\$35.70 \$0.00 \$0.00 \$35.70 VIN: 1FM5 liles: 108,1: tion: 02-Sh	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	License I Departe	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 Plato: ment: 1251-Sh Date:	<u>\$35.70</u> eriff's
Other Lube, OH & Filter Miscellanoous Cradit Other The Rotation Miscellanoous Cradit Other 8021: 2013 Ford Ex	Labor Parts Labor plorer Recall:	\$0,00 \$0,00 N Loca	\$35.70 \$0.00 \$0.00 \$35.70 VIN: 1FMS liles: 108,1 tion: 02-Sh Jign #	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	License I Departe	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 Plato: ment: 1251-Sh	<u>\$35.70</u> eriff's
Other Lube, OH & Filter Miscellaneous Niscellaneous Credit Other Thre RoteLlon Miscellaneous Credit Other	Labor Parts Labor plorer	\$0.00 \$0.00 Koca Campa	\$35.70 \$0.00 \$0.00 \$35.70 ViN: 1FMS like: 108,1 tion: 02-Sh Jign # <u>SI</u>	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	License I Departe	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 Plato: ment: 1251-Sh Date:	<u>\$35.70</u> eriff's

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mvi	Paris	Labor	Time	Olher	Total
Lincolitica					
	\$0.00	\$17.00		\$0.00	\$17.00
		• • • • • • •			
	40.00	\$17.00			
50.00					
\$0.00				\$0.00	
	626 68	\$17.00			\$43.68
		\$17.00		40.00	
	317 30				
	<b>*</b> 0.00				
	20.80				
	\$6.10				
	\$0.00				
		\$0.00			
\$0.00					
		\$13,60		\$0.00	\$13.60
	\$0.00				
		\$0.00			
\$0.00					
• R1				\$0.00	
		*0 00		\$0.00	\$0.00
		40.00		44144	1,556
	\$0.00	80.00			
		20.00			
\$0.00				PO 00	
					\$70.50
		\$34,00		\$0.00	\$10,30
	\$0.00				
		\$0.D0			
\$0.00					
				\$0.00	
	\$10,34	\$6.80		\$0.00	\$17.14
	00.00	\$6.60			
£0.00		40.00			
\$0.00				\$0.00	
	\$3.69	\$17.00		\$0.00	\$20.69
	\$3.69				
	\$0.00				
		\$17.00			
		\$0.00			
\$0.00					
40.00				\$0.00	
	80.00	\$10.20		\$0.00	\$10.20
		410.20		•••••	
	40.00				
	mvi Discounts \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	Direcounts Parts \$0.00 \$0.00 \$0.00 \$256.68 \$2.02 \$17.58 \$0.90 \$0.00	Discounts         Parts         Labor           \$0.00         \$17.00         \$30.00         \$17.00           \$0.00         \$17.00         \$30.00         \$17.00           \$0.00         \$17.00         \$17.00         \$17.00           \$0.00         \$17.00         \$17.00         \$0.00           \$0.00         \$17.00         \$17.00         \$0.00           \$0.00         \$17.00         \$17.00         \$17.00           \$0.00         \$13.60         \$13.60         \$13.60           \$0.00         \$13.60         \$13.60         \$13.60           \$0.00         \$13.60         \$13.60         \$0.00           \$0.00         \$13.60         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00         \$0.00           \$0.00         \$0.00         \$0.00         \$0.00           \$0.00	Discounts         Parts         Libar         Ticas           \$0.00 \$0.00         \$17.00 \$0.00         \$17.00 \$0.00         \$17.00 \$0.00         \$17.00 \$0.00           \$0.00 \$0.00         \$17.00 \$0.00         \$17.00 \$0.00         \$17.00 \$0.00         \$17.00 \$0.00           \$0.00 \$0.00         \$17.00 \$0.00         \$17.00 \$0.00         \$10.00 \$0.00         \$10.00 \$0.00           \$0.00 \$0.00         \$0.00 \$0.00         \$10.00 \$0.00         \$0.00 \$0.00         \$0.00 \$0.00           \$0.00 \$0.00         \$0.00 \$0.00         \$0.00 \$0.00         \$0.00 \$0.00         \$0.00 \$0.00           \$0.00 \$0.00         \$10.34 \$0.00 \$0.00         \$6.80 \$0.00         \$17.00 \$0.00           \$0.00 \$0.00         \$17.00 \$0.00         \$6.80 \$0.00         \$17.00 \$0.00           \$0.00 \$0.00         \$17.00 \$0.00         \$10.20         \$10.20	Discounts         Parts         Libar         Tios         Other           \$0.00 \$0.00         \$17.00 \$0.00         \$17.00 \$0.00         \$0.00 \$0.00         \$0.00

MODET Kain	ht, Terry (0.30)			\$10.20			
Miscellaneous				\$0.00			
Credit Other		\$0.00				\$0.00	
		\$0.00	\$77.21	\$115,60	\$0.00	\$0.00	\$192.81
8021: 2013 Ford Explorer			VIN: 1FM51 Ites: 110.65	KBBBXDGA554	License	Plate:	
			lon: 02-Sh			ment: 1251-St	a'lline.
	Recall: External WO:	Campal	gn# dor: 133~3	SHERIFF		Date: Invit: 228125 POR:	
WD.# 144921	Open Date 02/25/2020	Giaso Date 02/25/2020		atus osed	Downtime 0.00	Acc	Ment
Datail 133 - SHERIFF 228125, Dent: R	TIRES, Inv. 9	Discounta	Parts	Labor	Ina	Other \$428.72	<u>Total</u> \$426.72
		\$0,00	\$0.00	\$0.00	\$0.00	\$428.72	\$428.72
18021: 2013 Ford Explorer			VIN: 1FM5 Iles: 113.9	K8B8XDGA554	License		
		Location: 02-Sheriff's		eriffa	Depart	ment: 1251-S Date:	heriffs
	Recall: External WO:	Campa Ven	lgn # .dor; 132 •	SHERIFF OIL		Date: Inv#: 206775 PO#:	69
WO # 145213	Open Data 05/07/2020	Cinse Date 05/07/2020		atua osed	Downtime 0.00		ident
Detail Service A		Discounts	Parts	Labor	lires	Ciber	Total
Light Check Miscellaneou	a Bade		\$0.00 \$0.00	\$0.00		\$0.00	\$0.00
Miscellaneou		\$0.00		\$0.00			
Other				\$0.00		\$0.00	\$42,40
Lube, Oll & Fill Miscellaneou			\$42.40 \$42.40			\$0.00	942.40
Miscellaneos	us Labor	\$0.00		\$0.00			
Credit Other		\$0.00				\$0.00	
Tire Rotation			\$0.00 \$0.00	\$0.00		\$0.00	\$0.00
Miscellaneou Miscellaneou			\$0.00	\$0.00			
Credit Other		\$0.00				\$0.00	
		\$0.00	\$42.40	\$0.00	\$0.00	\$0.00	\$42.40
18021: 2013 Ford	Explorer		lles: 115.5		License		
	Recall		tion: 02-Si	neriff's	Depar	ument: 1251-S Date:	
WD.# 145456	Open Data 07/21/2020	Cipse Date 07/22/2020	<u>Б</u>	tatus losed	Downtine 0.00	a <u>Ac</u>	<u>cideni</u>
Detall		Discounts	Parta			and a second second	
						34	
Report Created by a	All all the Plant V &		07/23/2020	11:52 AM			Page 22 o

# Work Order Detail

Road Test			\$0.00	Labor \$12.60	Tires	Other \$0.00	Total \$12.60
Miscellaneous	Darle		\$0.00				
M0053 - Knigh				\$12.60			
Miscellaneous				\$0.00			
Credit	CEDO	\$0.00					
Other		44.00				\$0.00	
Suspension			\$50.48	\$42.00		\$0.00	\$92.48
	bar link (1.000)		\$26.24	•			
1750017 BWay	bar link (1.000)		\$25.24				
Miscellaneous			\$0.00				
Miscellaneous M0053 - Knigh			40.00	\$42.00			
				\$0.00			
Miscellaneoue	Lapor	\$0.02		40.00			
Credit		90.00				\$0.00	
Other *							
		\$0.00	\$50.48	\$54.60	\$0.00	\$0.00	\$105.08
021: 2013 Ford Ex	plorer			K898XDGA554	License F	late:	
			Miles: 115,5	31.0			
			cation: 02-Si	neriff's		nent: 1251-Si	nemis
	Recall:	Carr	palgn #			Dale:	
WDI	Open Date	Close Di	te S	atus	Downtime	Acc	Idant
146457	07/22/2020	07/22/20	20 C	losed	0.00		
	Commente:						7.00
Detail		Discounts	Parts	Labor	Tires	Other	Total
Electrical			\$2.30	\$12.60		\$0.00	\$14.90
8005: LAMP (	1.000)		\$2.30				
Miscellaneous			\$0.00				
M0053 - Knigi	nt. Terry (0.30)			\$12.60			
Miscellaneous				\$0.00			
Credit	Catoo	\$0.00					
Other						\$0.00	
		\$0.00	\$2.30	\$12.60	\$0.00	\$0.00	\$14,90
		40.00	*****				

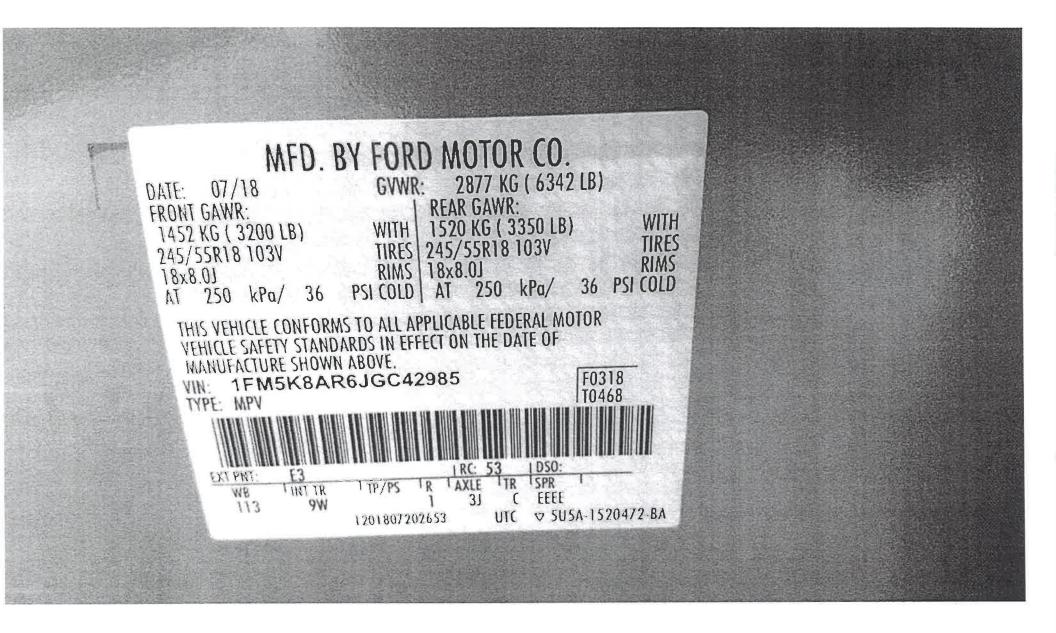
07/23/2020 9 52 AM

Page 23 of 23

BO	ONE COUNTY	
Request for Dispo	sal/Transfer of County plete, sign, and return to Auditor's Office	Property
Date: 07-23-2020 Fix	ed Asset Tag Number: 22740	
Description of Asset: 2018 Ford Interceptor	Utility, Arizona Beige (19,390 miles)	
Requested Means of Disposal: 🛛 Sell 🛛 🗍 T	rade-In 🔲 Recycle/Trash 🗍 Other, I	Explain:
Other Information (Serial number, etc.): VIN	1: 1FM5K8AR6JGC42985	RECEIVED
Condition of Asset: Poor. Totaled by insura	nce following crash.	JUL 31 2020
Reason for Disposition: Crashed beyon	nd repair.	BOONE COUNTY AUDITC?
Location of Asset and Desired Date for Rem	oval to Storage: BCSD rear gravel parking	g lot
Was asset purchased with grant funding? [ If "YES", does the grant impose restric If yes, attach documentation demons	tion and/or requirements pertaining to dis strating compliance with the agency's restr	ictions and/or requirements.
Dept Number & Name: 1251 Sheriff Enford	cement Signature Davi	il alexander 07/23/2020
To be Completed by: AUDITOR Original Acquisition Date 12/21		Proceeds <u>290-3835</u> 5
Original Acquisition Amount 30, 2	98.00	
Original Funding Source 2787		
Account Group1605		
To be Completed by: COUNTY COMM	ISSION / COUNTY CLERK	
Approved Disposal Method:		
Transfer Department Name	N	lumber
Location within De	partment	
Individual		
TradeAuction	Sealed Bids	
Other Explain		
Commission Order Number 388-3	020	
Date Approved 9.1.2	non-	
Signature Complete		

https://boonecountymo-my.sharepoint.com/personal/dalexander\_boonecountymo\_org/Documents/Fixed Asset Disposal.docx

MAINSCR B	OONE	Fixed Asset - View	Only	BCPUBLIC	09:29:37 7/23/20
Trns <u>N</u> Tag Description			1 1	From s in Process	Last Posted
Acquired Acct Grp		29 Amt 30,298.0	0	Useful Life	Months <u>60</u> 6,059.60
Category	10 AUTOMOBII	JES		Res Val % <u>20</u>	_
Location	1251 SHERIFF			Tag in Book	N
Purch Dept	2901 SHERIFF C	PERATIONS-LE SALES	TX	Book ID	
	Date	Inv Status			
Site Loc	Boone County S	Sheriff/Corrections			
Site Detl	Fleet				
Make	FORD	Model	INTERCEP	TOR UTILITY	
Serial	1FM5K8AR6JGC42	Note Note	ARIZONA	BEIGE	
Invoice	104948	Check	<u>196907</u>		
Vendor	<u>15695</u> <u>REPUBI</u>	JIC FORD LINCOLN			
Bid#	01-26JAN18				
User					
Calculated	Fields Book V	/alue			
Dep St Dt		5			17,370.91
Adj Total _			<u>7.49-</u> A	cm Dep Ytd	2,019.85
		Total Cost30	,298.00		
F2=Key Scr	F3=Exit	F11=Grant	F	23=Bid F22=Hi	.st F24=More



						Month and			
me	Asset Dashboard	Employee	Fuel Log	Inspection	Parts	Parts Ord	er Quic	:k Meter Update	To Do List Wor
						Norma Colonia da			
lter:	< Standard > 🛛 🛩 🤗	nkine kirele bili	6	Apply	🏷 Clear	i   🕠 Adva	nced ,		
1 1	274 of 600 Records	> 0	HSa	ive -	22740	): 2018 Fc	rd Interc	eptor Utility	
Run F	Report 👘 🙀 Ad-Hoc Repo	ort	e je sen						
									(1)(())()()()()()()()()()()()()()()()()
ain	Specifications Acqu	isition Info	Attached A	ssets To	ools Set	reduling	Details	Documents	Pictures Tires
COLUMN 1			-18 F.A. 199		23.001W10022010				
	General Info								
		111111		<ul> <li>1 8.10</li> </ul>	Hereitzen er ha	11.9			
	Teroplate	Vehcia							
		Veh cle			n ole twin <del>al s</del> e	ere calma re	5 BN 11		2119
	Template Asset No.*	Veh cle 22740	- 11,59,7 M N	Referencies Referencies	n die twinderen	ere oginte i fre Han I tradi o	2 30 VI	ìés	· 2018
					n e e twoatere Statute (Statute (Statute))	ere califit 17 Ball 17 B	11 122 - 23 - 31 + 700 - 20 - 31 + 700 - 20	Ϋ́ea	.• 2018
	Aaset No.* Fixed Aseet No.	22740				ere contra de Rectatoria e Rectatoria da	2 22 13 	and the second second	ng talan sa
	Aaset No.* Fixed Aseet No.		SLV					Yea Sub Typa	ng talan sa
	Aaset No.* Fixed Aseet No.	22740 23: Passenger	sw				a series in series in series	and the second second	e 
	Aaset No.* Fixed Asset No. Type Make	22740 23: Passenger Ford	SUV					Sub Type Mode	e y interceptor Utiky
	Aaset No.* Fixed Asset No. Type Make	22740 23: Passenger	suv					Sub Type Mode Miles Updated	e y Interceptor Utiky (* ) 17/17/2020
	Aaset No.* Fixed Asset No. Type Make	22740 23: Passenger Ford , 2 ,352 0	suv					Sub Type Mode	e y Interceptor Utiky (* ) 17/17/2020
	Aaset No.* Fixed Asset No. Type Make Miles	22740 23: Passenger Ford . 2 . 352 0						Sub Type Mode Miles Updated	e y Interceptor Utiky (* ) 17/17/2020
	Asset No.* Fixed Asset No. Type Make Miles License Plate No.	22740 23: Passenger Ford . 2 . 352 0						Sub Type Mode Miles Updated	e y Interceptor Utiky (* ) 17/17/2020
	Asset No.* Fixed Asset No. Type Make Miles License Plate No. VIN	22740 23: Passenger Ford . 2 . 352 0						Sub Type Mode Miles Updated	e y Interceptor Utiky (* ) 17/17/2020
a state of the first of the state of the sta	Asset No.* Fixed Asset No. Type Make Miles License Plate No.	22740 23: Passenger Ford . 2 . 352 0						Sub Type Mode Miles Updated	e y Interceptor Utiky (* ) 17/17/2020

22740: 2018 Ford Inter	rceptor Utility		VIN: 1FM5K iles: 6,695.0	(8AR6JGC429 )	License P	late:	
			eter: 0.0		No M	eter: 0.0	
		Locat	ion: 02-She	riff's	Departn	nent: 1251-SI	neriff's
	Recall:	Campai				Date:	
	External WO:	Ven	dor: 132 - S	HERIFF OIL		Inv#: 206793 PO#:	44
<u>WO #</u> 143863	Open Date 07/26/2019	Close Date 07/26/2019	<u>Sta</u> Clo	<b>tus</b> sed	Downtime 0.00	Acc	ident
Detail	D	scounts	Parts	Labor	Tires	Other	Total
Service A Light Check Miscellaneous P	arts		<b>\$0.00</b> \$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous L				\$0.00			
Credit		\$0.00					
Other		•				\$0.00	
Lube, Oil & Filter Miscellaneous P	arts		<b>\$29.95</b> \$29.95	\$0.00		\$0.00	\$29.95
Miscellaneous La	abor			\$0.00			
Credit		\$0.00					
Other						\$0.00	
Tire Rotation Miscellaneous P	arts		<b>\$0.00</b> \$0.00	\$0.00		\$0.00	\$0.00
Miscellaneous La	abor			\$0.00			
Credit Other		\$0.00				\$0.00	
		\$0.00	\$29.95	\$0.00	\$0.00	\$0.00	<u>\$29.95</u>
2740: 2018 Ford Inter	rceptor Utility		VIN: 1FM5k iles: 8,864.0	(8AR6JGC429 )	License F	late:	
		No Mo Locat	eter: 0.0 tion: 02-She		Departn	eter: 0.0 nent: 1251-SI	neriff's
THE VIEW MARKET	Recall:	Campa	· · · · ·		CONTRACTOR CONTRACTOR AND	Date:	
<u>WO #</u> 144074	<u>Open Date</u> 09/11/2019	Close Date 09/11/2019		sed	Downtime 0.00	Acc	ident
	Description: F	REPLACED ON	IE TIRE			9.	
<u>Detail</u>	D	iscounts	Parts	<u>Labor</u>	<u>Tires</u>	<u>Other</u>	Total
		\$0.00	\$0.00	\$0.00	\$140.00	\$0.00	<u>\$140.00</u>
2740: 2018 Ford Inter	rceptor Utility		VIN: 1FM5k iles: 11,848	8AR6JGC429	License P	late:	21.27 V So 5
			tion: 02-She		Departn	nent: 1251-St	neriff's
	Recall: External WO:	Campai	ign #		ſ	Date: Inv#: 206760	
						PO#:	
		<u>Close Date</u>		i <b>tus</b> sed	Downtime 0.00	Acc	ident
<u>WO #</u> 144511	<u>Open Date</u> 11/27/2019	11/27/2019	CIO	360			
144511 <b>Detail</b>	11/27/2019	11/27/2019 iscounts	Parts	Labor	<u>Tires</u>	Other	Total
144511 <u>Detail</u> Service A Light Check	11/27/2019 D		<u>Parts</u> \$0.00		<u>Tìres</u>	<u>Other</u> \$0.00	<u>Total</u> \$0.00
144511 Detail Service A	11/27/2019 D		Parts	Labor	<u>Tires</u>		

Lube, Oil & Filter Miscellaneous Parts		<b>\$42.40</b> \$42.40	\$0.00		\$0.00	\$42.40
Miscellaneous Labor		•	\$0.00			
Credit	\$0.00		+			
Other	+				\$0.00	
Tire Rotation		\$0.00	\$0.00		\$0.00	\$0,00
Miscellaneous Parts		\$0,00				
Miscellaneous Labor			\$0.00			
Credit	\$0.00		• • • • •			
Other					\$0.00	
	\$0.00	\$42.40	\$0.00	\$0.00	\$0.00	<u>\$42.40</u>
740: 2018 Ford Interceptor Utility	52	VIN: 1FM5k Miles: 19,169	(8AR6JGC429	License P	Plate:	
Recal	Loc	ation: 02-She			nent: 1251-Sh Date:	eriff's
WO # Open Date	<u>Close Dat</u>		itus	Downtime	Acci	dent
145362 06/26/2020	06/30/202		sed	0.00	ACCI	
	: brakes ok					1 AFS 2 <u>00</u>
<u>Detail</u> Service A	<b>Discounts</b>	Parts	Labor	<u>Tires</u>	<u>Other</u>	Total
Light Check		\$0.00	\$21.00		\$0.00	\$21.00
Miscellaneous Parts		\$0.00				
M0053 - Knight, Terry (0.50)			\$21.00			
Miscellaneous Labor			\$0.00			
Credit	\$0.00					
Other					\$0.00	
Lube, Oil & Filter		\$26.68	\$21.00		\$0.00	\$47.68
OF22500: OIL FILTER (1.000)		\$2.02				
DRUM GREASE: DRUM		\$0.90				
GREASE SUPER (5.000)		<b>AA 1 A</b>				
AF10242: AIR FLTR		\$6.18				
INTERCEPTO (1.000)		<b>#47.50</b>				
5W20 SYN: SYNTHETIC		\$17.58				
ENGINE OIL (6.000)		¢0.00				
Miscellaneous Parts		\$0.00	\$21.00			
M0053 - Knight, Terry (0.50)			\$0.00			
Miscellaneous Labor Credit	\$0.00		φ0.00			
	φ0.00				\$0.00	
Other Tire Rotation		\$0.00	\$16.80		\$0.00 \$0.00	\$16.80
Miscellaneous Parts		\$0.00	φ10.00		ψ0.00	ψ10.00
		φ0.00	\$16.80			
M0053 - Knight, Terry (0.40) Miscellaneous Labor			\$0.00			
Credit	\$0.00		ψ0.00			
Other	φυ.υυ				\$0.00	
Service B						
Check Brakes		\$0.00	\$0.00		\$0.00	\$0.00
		\$0.00				
Miscellaneous Parts			\$0.00			
Miscellaneous Parts M0053 - Knight, Terry (0.00)						
Miscellaneous Parts			\$0.00			
Miscellaneous Parts M0053 - Knight, Terry (0.00) Miscellaneous Labor Credit	\$0.00					
Miscellaneous Parts M0053 - Knight, Terry (0.00) Miscellaneous Labor Credit Other	\$0.00		\$0.00		\$0.00	
Miscellaneous Parts M0053 - Knight, Terry (0.00) Miscellaneous Labor Credit Other <b>Replace Fuel Filter</b>	\$0.00	\$16.00			\$0.00 <b>\$0.00</b>	\$20.20
Miscellaneous Parts M0053 - Knight, Terry (0.00) Miscellaneous Labor Credit Other <b>Replace Fuel Filter</b> 44K: INJ CLEANER (1.000)	\$0.00	\$16.00	\$0.00			\$20.20
Miscellaneous Parts M0053 - Knight, Terry (0.00) Miscellaneous Labor Credit Other <b>Replace Fuel Filter</b>	\$0.00		\$0.00			\$20.20
Miscellaneous Parts M0053 - Knight, Terry (0.00) Miscellaneous Labor Credit Other <b>Replace Fuel Filter</b> 44K: INJ CLEANER (1.000)	\$0.00	\$16.00	\$0.00			\$20.20

Grand Total:	\$0.00	\$118.99	\$84.00	\$140.00	\$0.00	<u>\$342.99</u>
	\$0.00	\$46.64	\$84.00	\$0.00	\$0.00	<u>\$130.64</u>
Credit Other	\$0.00				\$0.00	
M0053 - Knight, Terry (0.50) Miscellaneous Labor		<i>v</i> ore <i>v</i>	\$21.00 \$0.00			
(1.000) Miscellaneous Parts		\$0.00				
Other Replace Cabin filter CF1230: CABIN FILTER		<b>\$3.96</b> \$3.96	\$21.00		\$0.00 <b>\$0.00</b>	\$24.96
Credit	\$0.00				<b>AAAA</b>	



# **CERTIFIED COPY OF ORDER**

STATE OF MISSOURI	and the second	September Session of the July	Adjourned	l	<b>Term. 20</b> 20
County of Boone	<b>J</b> ea.				
In the County Commission	on of said county, on	the 1st	day of	September	<b>20</b> 20

the following, among other proceedings, were had, viz:

Now on this day, the County Commission of the County of Boone does hereby acknowledge the following budget amendment from the Sheriff's Department to account for increase funds from the trade-in of ammunition.

Department	Account	Department Name	Account Name	Decrease \$	Increase \$
1251	3836	Sheriff	Sale of Non-Capital Assets		14,205
1251	23850	Sheriff	Minor Equip & Tools		14,205
					28,410

Done this 1st day of September 2020.

ATTEST:

£

Brianna L. Lennon Clerk of the County Commission

INN

Dahiel K. Atwill Presiding Commissioner

Fred J. Parry District I Commissioner

Janet M. Thompson District II Commissioner

389 - 2020

# BOONE COUNTY, MISSOURI REQUEST FOR BUDGET AMENDMENT

8/1/2020 EFFECTIVE DATE

# FOR AUDITORS USE

				(Use whole S	amounts)
				Transfer From	Transfer To
Dept	Account	Fund/Dept Name	Account Name	Decrease	Increase
1251	3836	Sheriff	Sale of Non-Capital Assets		14,205
1251	23850	Sheriff	Minor Equip & Tools		14,205
1251	23030	Sherin			
	· · · · · · · · · · · · · · · · · · ·				
				· · · · · · · · · · · · · · · · · · ·	
				-	28,410

Describe the circumstances requiring this Budget Amendment. Please address any budgetary impact for the remainder of this year and subsequent years. (Use an attachment if necessary):

The Sheriff's Department is transfering from the Glock .40 caliber pistol to the Glock 9mm pistol. The current Glock pistols along with the magazine stock will be traded in and the net cost between the new Glocks and the trade-in value of the old Glocks is \$17,930. To offset this cost, the current ammunition supply will be traded-in to a seperate vendor and new 9mm ammo will be purchased. The trade-in value of the old ammunition is \$39,340 and the cost for the new 9mm ammunition is \$25,315.50. This will give the Sheriff's department \$14,204.50 to be used (a check will be cut to the County) to offset the cost of the new pistols, leaving a net cost of \$3,725.50. This cost should be covered by potential savings in other accounts.

Auditors Office	_
Requesting Official	
<ul> <li>☐ A fund-solvency schedule is attached.</li> <li>☑ Comments: Purchase/trade pistols &amp; amm</li> </ul>	ETED BY AUDITOR'S OFFICE
Auditor's Office	DISTRICT / COMMISSIONER
attachments must be made available for public inspection and rev	reading on the commission agenda. A copy of the Budget Amendment and all view for a period of at least 10 days commencing with the first reading of the Budget and date (at least 10 days hence) and instructs the County Clerk to provide at least 5 riod may not be walved.

# Ammunition

New			
9mm	78	322.25	25,135.50
Trade-in			
40cal			(39,340.00)
Amount to be receive	d		(14,204.50)
Pistols			
New			
Glock 17	85	428.50	36,422.50
Glock 19	10	428.50	4,285.00
Mags	220	18.00	3,960.00
-			44,667.50
Trade-in	14	)	
Glock 22 G2	1	287.50	(287.50)
Glock 22 G3	44	287.50 <sup>,</sup>	(12,650.00)
Glock 22 G4	34	287.50	(9,775.00)
Glock 23 G4	14	287.50	(4,025.00)
Total Trade-in			(26,737.50)
Net Cost of Pistols		0	17,930.00
	Cast	itor	
Total Net Cost (Pistol	s less A	mmo)	3,725.50

5

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#### PURCHASE AGREEMENT FOR SPEER GOLD DOT 124+P BONDED 9MM AMMUNITION

THIS AGREEMENT dated the <u>13th</u> day of <u>August</u> 2019 is made between Boone County, Missouri, a political subdivision of the State of Missouri through the Boone County Commission, herein "County" and **Gulf States Distributors, Inc.** herein "Contractor."

**IN CONSIDERATION** of the parties' performance of the respective obligations contained herein, the parties agree as follows:

1. Contract Documents - This agreement shall consist of this Purchase Agreement for Speer Gold Dot 124+P Bonded 9mm Ammunition, County of Boone Request for Bid, bid number 27-16JUL20 in its entirety including the Introduction and General Conditions of Bidding, Scope of Work, Bidder's Instructions and Evaluation, the un-executed Vendor Response and Pricing Pages, Debarment Certification Form, Lobbying Certification Form, Work Authorization Certification, and Boone County's Standard Terms and Conditions, as well as the Contractor's bid response dated July 1, 2020, executed by Tommy Trammell on behalf of the Contractor. All such documents shall constitute the contract documents, which are attached hereto and incorporated herein by reference. Service or product data, specification and literature submitted with the bid response may be permanently maintained in the County Purchasing Office bid file for this bid if not attached. In the event of conflict between any of the foregoing documents, this Purchase Agreement, Introduction and General Conditions of Bidding, Scope of Work, Bidder's Instructions and Evaluation, the un-executed Vendor Response and Pricing Pages, Debarment Certification Form, Lobbying Certification Form, Work Authorization Certification, and Boone County's Standard Terms and Conditions shall prevail and control over the Contractor's bid response.

2. Contract Period – The initial contract period shall be the August 1, 2020 through February 28, 2021.

3. *Purchase* - The County agrees to purchase from the Contractor and the Contractor agrees to supply the County with the following Speer Gold Dot 124+P Bonded 9mm Ammunition.

Speer Gold Dot 124+P B	conded 9mm Ammunition
4.10.1 Speer Gold Dot 124gr+P bonded 9mmx19 (part# 53617) 1,000-rounds per box	\$322.25/Each 1,000-Round Box (\$.32225 per round) – Firm and Fixed
Quantity: 78 Boxes (1,000 round box)	

**4.** *Trade-In Credit*: The amount of credit shall be deducted from the acquisition price for the ammunition. The County shall pay the resulting reduced amount.

Total Quantity (QTY) or Lot	Description	<u>Per Each Case</u> Trade-In Deduction/Credit	<u>TOTAL</u> Deduction/Credit = (Per Each X's QTY)
116,000FEDP40HS1GRounds.40 180gr Hydra-Shok HP		\$225.00 per case	\$26,100.00
51,000Winchester .40 180gr FMJ –Rounds50 rounds per box		\$7.00 per 50 round box	\$7,140.00

Commission Order #

1 <b>8,000</b> Rounds	BVAC FMJ.40 180gr JHP	\$45.00 per 500 round box	\$1,620.00
11,500 Rounds	Remington Golden Saber JHP .40 180gr	\$110.00 per 500 round box	\$2,530.00
390	Glock 22 15-Round Magazines (used)	\$5.00 per magazine	\$1,950.00

5. *Delivery* – The Contractor agrees to deliver ordered product to the Boone County Sheriff's Department within 90-120 calendar days after receipt of order. All deliveries should be made to the Boone County Sheriff, 2121 County Drive, Columbia, MO 65202. All deliveries are FOB Destination, Freight Prepaid and Allowed.

6. Warranty - A one-year standard manufacturer warranty shall apply to commence upon the County's acceptance of ordered product.

7. Billing and Payment - All billing shall be invoiced to the Boone County Sheriff's Department. Billings may only include the prices listed in the Contractor's bid response. No additional fees for delivery or extra services or taxes shall be included as additional charges in excess of the charges in the Contractor's bid response to the specifications. The County agrees to pay all correct monthly invoices within thirty calendar days of receipt; the Contractor agrees to honor any cash or prompt payment discounts offered in its bid response if the County makes payment as provided therein. In the event of a billing dispute, the County reserves the right to withhold payment on the disputed amount; in the event the billing dispute is resolved in favor of the Contractor, the County agrees to pay interest at a rate of 9% per annum on disputed amounts withheld commencing from the last date that payment was due.

8. Binding Effect - This agreement shall be binding upon the parties hereto and their successors and assigns for so long as this agreement remains in full force and effect.

9. Entire Agreement - This agreement constitutes the entire agreement between the parties and supersedes any prior negotiations, written or verbal, and any other bid or bid specification or contractual agreement. This agreement may only be amended in writing by the Boone County Purchasing Office on behalf of the Sheriff's Department using the same formality as this agreement.

10. Termination - This agreement may be terminated by the County upon thirty calendar days advance written notice for any of the following reasons or under any of the following circumstances:

- a. The County may terminate this agreement due to material breach of any term or condition of this agreement, or
- b. The County may terminate this agreement if in the opinion of the Boone County Commission if delivery of products are delayed or products delivered are not in conformity with bidding specifications or variances authorized by County, or
- c. If appropriations are not made available and budgeted for any calendar year.

**IN WITNESS WHEREOF** the parties through their duly authorized representatives have executed this agreement on the day and year first above written.

GULF STATES DISTRIBUTORS, INC.

by	Gean	nie Trammell	
		783D88408	
title	LE	Sales	

#### **BOONE COUNTY, MISSOURI**

by: Boone County Commission

Daniel K. Atwill Daniel K. Atwill Daniel K. Atwill Presiding Commissioner

APPROVED AS TO FORM:

DocuSigned by:

County Counselor

ATTEST: — DocuSigned by:

Brianna L Lennon by MT Briannasleenaan, County Clerk

#### AUDITOR CERTIFICATION

In accordance with RSMo 50.660, I hereby certify that a sufficient unencumbered appropriation balance exists and is available to satisfy the obligation(s) arising from this contract. (Note: Certification is not required if the terms of this contract do not create a measurable county obligation at this time.)

Fund: 1255 - Account: 23200\$250.00Fund: 1251 - Account: 23200:\$4,050.00Fund: 2901 - Account: 23200:\$482.34

DocuSigned by:

8/5/2020 Date

Appropriation Account

Signaturearice470...

# **Boone County Purchasing**

Liz Palazzolo Senior Buyer



613 E. Ash, Room 109 Columbia, MO 65201 Phone: (573) 886-4392 Fax: (573) 886-4390

# MEMORANDUM

TO: Boone County Commission
FROM: Liz Palazzolo, CPPO, C.P.M.
DATE: 08/04/20
RE: Award of RFB 26-16JUL20 – Glock-17 Gen 5 and Glock-19 Gen 5 Pistols and Magazines for the Boone County Sheriff's Department

Request for Bid 26-16JUL20 for Glock-17 Gen 5 and Glock-19 Gen 5 Pistols and Magazines for the Boone County Sheriff's Department received two bids. The bids were evaluated by Captain Gary German, Sergeant Mike Perkins, and Brandon Weber, Investigator for the Boone County Sheriff's Department.

The cost evaluation was conducted by the Purchasing Department and reviewed by the Sheriff's Department. The recommendation for award is to the lowest and best bid offered by Kiesler Police Supply of Jeffersonville, Indiana that includes acquisition of the pistols and magazines with quoted trade-in pricing. Trade-in pricing will be deducted from acquisition pricing for the final award amount.

The contract period will run from August 1, 2020 through January 31, 2021.

Once trade-in pricing is deducted from new acquisition costs for the Glocks and magazines, there is a positive balance the County owes Kiesler Police Supply for the Glocks. Some of this will be off-set by trade-in funds realized from the trade-in of unused ammunition awarded to Gulf States Distributors under RFB 27-16JUL20 for Speer Gold Dot 124+P Bonded 9mm Ammunition. Still a budget amendment is needed to reflect the required revenue and to provide approval for increased spending.

Payments will be made from the following Department/Account codes:

- 1251 Sheriff/23850 Minor Equipment and Tools: \$15,392.00
- 1255 Corrections/23850 Minor Equipment and Tools: \$2,538.00

/lp

Attachment: Cost Evaluation

# PURCHASE AGREEMENT FOR GLOCK-17 GEN 5 AND GLOCK-19 GEN 5 PISTOLS AND MAGAZINES

THIS AGREEMENT dated the \_\_\_\_\_ day of \_\_\_\_\_ 2019 is made between Boone County, Missouri, a political subdivision of the State of Missouri through the Boone County Commission, herein "County" and Kiesler Police Supply, Inc. herein "Contractor."

**IN CONSIDERATION** of the parties' performance of the respective obligations contained herein, the parties agree as follows:

1. Contract Documents - This agreement shall consist of this Purchase Agreement for Glock 17 Gen 5 and Glock 19 Gen 5 Pistols and Magazines, County of Boone Request for Bid, bid number 26-16JUL20 in its entirety including the Introduction and General Conditions of Bidding, Scope of Work, Bidder's Instructions and Evaluation, the un-executed Vendor Response and Pricing Pages, Debarment Certification Form, Lobbying Certification Form, Work Authorization Certification, and Boone County's Standard Terms and Conditions, as well as the Contractor's bid response dated July 14, 2020, executed by Brittany A.L. Girdler on behalf of the Contractor. All such documents shall constitute the contract documents, which are attached hereto and incorporated herein by reference. Service or product data, specification and literature submitted with the bid response may be permanently maintained in the County Purchasing Office bid file for this bid if not attached. In the event of conflict between any of the foregoing documents, the Purchase Agreement, and the Request for Bid including the Introduction and General Conditions of Bidding, Scope of Work, Bidder's Instructions and Evaluation, the un-executed Vendor Response and Pricing Pages, Debarment Certification Form, Lobbying Certification Form, Work Authorization Certification, and Boone County's Standard Terms and Conditions shall prevail and control over the Contractor's bid response.

2. Contract Period – The initial contract period shall be the August 1, 2020 through February 28, 2021.

3. *Purchase* - The County agrees to purchase from the Contractor and the Contractor agrees to supply the County with the following Glock 17 Gen 5 and Glock 19 Gen 5 Pistols and Magazines.

Glock 17 Gen 5 and Glock 19 Gen 5 Pistols and Magazines		
4.10.1 Glock 17 Pistol Gen 5 Black, Includes AmeriGlo Bold night sights (W80 front sight) and with 3 Glock magazines Quantity: 85	\$428.50/Each Firm and Fixed	
4.10.2 Glock 19 Pistol Gen 5 Black, Includes AmeriGlo Bold night sights (W80 front sight) and with 3 Glock magazines Quantity: 10	\$428.50/Each Firm and Fixed	
4.10.3 Glock 17 MagazineHolds 17 RoundsPrice per each Glock magazineQuantity: 220	\$18.00/Each Firm and Fixed	

Total Quantity (QTY) or Lot	Description	<u>Per Each Case</u> Trade-In Deduction/Credit	<u>TOTAL</u> Deduction/Credit = (Per Each X's QTY)
1	Glock 22 Gen2 with 3 magazines	\$287.50	\$287.50
44	Glock 22 Gen3 with 3 magazines	\$287.50	\$12,650.00
34	Glock 22 Gen4 with 3 magazines	\$287.50	\$9,775.00
14	Glock 23 Gen4 with 3 magazines	\$287.50	\$4,025.00

4. *Trade-In Credit*: The amount of credit shall be deducted from the acquisition price for the ammunition. The County shall pay the resulting reduced amount.

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5. *Delivery* – The Contractor agrees to deliver ordered product to the Boone County Sheriff's Department within 90-120 calendar days after receipt of order. All deliveries should be made to the Boone County Sheriff, 2121 County Drive, Columbia, MO 65202. All deliveries are FOB Destination, Freight Prepaid and Allowed.

6. Warranty – A one-year standard manufacturer warranty shall apply to commence upon the County's acceptance of ordered product.

7. Billing and Payment - All billing shall be invoiced to the Boone County Sheriff's Department. Billings may only include the prices listed in the Contractor's bid response. No additional fees for delivery or extra services or taxes shall be included as additional charges in excess of the charges in the Contractor's bid response to the specifications. The County agrees to pay all correct monthly invoices within thirty calendar days of receipt; the Contractor agrees to honor any cash or prompt payment discounts offered in its bid response if the County makes payment as provided therein. In the event of a billing dispute, the County reserves the right to withhold payment on the disputed amount; in the event the billing dispute is resolved in favor of the Contractor, the County agrees to pay interest at a rate of 9% per annum on disputed amounts withheld commencing from the last date that payment was due.

8. Binding Effect - This agreement shall be binding upon the parties hereto and their successors and assigns for so long as this agreement remains in full force and effect.

9. Entire Agreement - This agreement constitutes the entire agreement between the parties and supersedes any prior negotiations, written or verbal, and any other bid or bid specification or contractual agreement. This agreement may only be amended in writing by the Boone County Purchasing Office on behalf of the Sheriff's Department using the same formality as this agreement.

10. Termination - This agreement may be terminated by the County upon thirty calendar days advance written notice for any of the following reasons or under any of the following circumstances:

- a. The County may terminate this agreement due to material breach of any term or condition of this agreement, or
- b. The County may terminate this agreement if in the opinion of the Boone County Commission if delivery of products are delayed or products delivered are not

in conformity with bidding specifications or variances authorized by County, or

c. If appropriations are not made available and budgeted for any calendar year.

**IN WITNESS WHEREOF** the parties through their duly authorized representatives have executed this agreement on the day and year first above written.

BOONE COUNTY, MISSOURI
by: Boone County Commission
Daniel K. Atwill, Presiding Commissioner
ATTEST:
Brianna Lennon, County Clerk

## AUDITOR CERTIFICATION

In accordance with RSMo 50.660, I hereby certify that a sufficient unencumbered appropriation balance exists and is available to satisfy the obligation(s) arising from this contract. (Note: Certification is not required if the terms of this contract do not create a measurable county obligation at this time.)

1251/23850: \$15,392.00; 1255/23850: \$2,538.00

Signature

Date

Appropriation Account

390-2020

# **CERTIFIED COPY OF ORDER**

STATE OF MISSOURI		September Session of the July	Adjourned	<b>Term. 20</b> <sup>20</sup>
<b>County of Boone</b>	<b>}</b> ea.	1	0 1 1	20
In the County Commission	on of said county, on (	he lst	day of September	<b>20</b> <sup>20</sup>

the following, among other proceedings, were had, viz:

Now on this day, the County Commission of the County of Boone does hereby re-appoint the following:

Name	Board	Period (4-year term)
Adrienne Mann	Judicial & Law Enforcement	September 1, 2020 thru August 31, 2023
	Task Force	

Done this 1st day of September 2020.

ATTEST:

rianna L. Lennen 14

Brianna L. Lennon Clerk of the County Commission

Daniel K! Atwill

Presiding Commissioner Fred J. Parry

District I Commissioner

INSTAN Janet M. Thompson District II Commissioner

Adrienne Mann (Meier), RN, BSN 1407 Court Street | Columbia, MO 65201 adrienne@colemanassociates.com | Ph: 773-426-4011

#### EXPERIENCE

Coleman Associates, RN, Trainer, and Coach— March 2016-Present

- Leads Rapid DPI<sup>™</sup> and DPI<sup>™</sup> Collaboratives
- Regularly presents at conferences such as NACHC and Primary Care Associates
- Spearheaded IACET Certification for CEU providers
- Created reporting for the online training platform, Vroom!
- Developed Tactical Nurse<sup>™</sup> training program

Chicago Family Health Center, Manager of Clinical Education- August 2014-April 2017

- Spearheaded Joint Commission Accreditation with the successful initial survey in December 2016
- Built the Clinical Education Department and implemented clinical competencies
- Developed new Care Coordination Department
- Managed seventeen employees, including nurses, care coordinators, health educators, and nutritionists
- Implemented Medical Home Network policies, reducing readmission rates by 25%
- Administered a \$1.3 Million budget

## EDUCATION

Joint Commission Ambulatory Care Conference, Chicago, IL – October 2016 CFHC Management Development Program, Chicago, IL ---- January 2015-May 2015 Bachelor of Science in Nursing, Indiana University Bloomington—May 2014

• GPA 3.6/4.0

#### You are invited to learn more at:

LinkedIn: https://www.linkedin.com/in/adriennemannredesign/